## National Interagency Coordination Center

# Wildland Fire Summary and Statistics Annual Report 2016



Soberanes Fire, California



## National Interagency Coordination Center



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## **Identifier Legend**

#### **Interagency Coordination Centers**

**NICC** – National Interagency Coordination Center

AK - Alaska

**EA** - Eastern Area

GB - Great Basin

NO - Northern California

NR - Northern Rockies

**RM** - Rocky Mountain

SA - Southern Area

SO - Southern California

**SW** - Southwest

**CIFFC** - Canadian Interagency Forest

Fire Centre

FCK - National Interagency Radio

Support Cache

#### **Government Agencies**

**Department of the Interior:** 

**BIA** - Bureau of Indian Affairs

**BLM** - Bureau of Land Management

FWS - Fish & Wildlife Service

NPS - National Park Service

**NW** - Northwest

**Department of Agriculture:** 

FS - USDA Forest Service

Department of Defense: DOD or DDQ

**Department of Homeland Security:** 

**FEMA** - Federal Emergency

Management Agency

ESF #4 – Emergency Support Function

4, Firefighting

**Department of Commerce:** 

WXW - National Weather Service

**Department of Energy: DOE** 

ST - State

**ST/OT** – State and Other combined

OT - Other

**PRI** – Private

**CNTY** – County

**CN** – Canada

AU - Australia

NZ - New Zealand

#### **Preface**

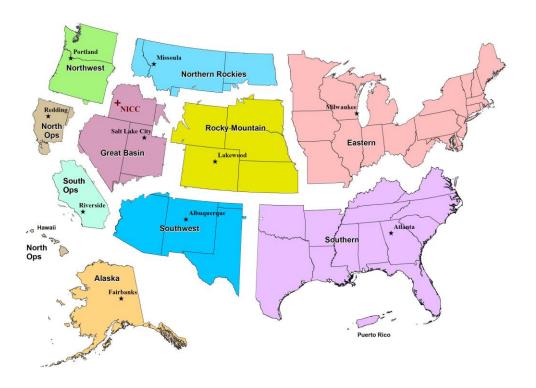
Statistics used in this report were gathered from the interagency Fire and Aviation Management Web Applications (FAMWEB) system, which includes the Situation Report and Incident Status Summary (ICS-209) programs. Previous National Interagency Coordination Center (NICC) annual reports and other sources were also used in this document. The statistics presented here are intended to provide a national perspective of annual fire activity, but may not reflect official figures for a specific agency. The statistics are delineated by agency and Geographic Area. Pie chart figures are rounded to the nearest whole percentage point. This document is available electronically at the National Interagency Coordination Center web page: https://www.predictiveservices.nifc.gov/intelligence/intelligence.htm.

## \* Five and ten year averages no longer include the current year data in the average. Therefore, in this report those averages will remain the same as the 2015 annual report.

For agency-specific details or official data contact the individual agency.

Resource mobilization statistics used in this report were gathered from the interagency Resource Ordering and Status System (ROSS), which tracks tactical, logistical, service and support resources mobilized by the national incident dispatch coordination system. Statistics presented in this report are the resources requested by one of the ten Geographic Area Coordination Centers and processed through NICC. Requests by FEMA are placed to NICC through Emergency Support Function (ESF) #4 (Firefighting). The resource ordering process and procedures may be found in the National Mobilization Guide. The National Mobilization Guide can be found on the NICC web site (<a href="https://www.nifc.gov/news/nicc.html">https://www.nifc.gov/news/nicc.html</a>) under reference materials.

#### **Geographic Area Coordination Centers**



#### **National Interagency Coordination Center**

#### 2016 Fire Summary

#### Winter (December 2015 – February 2016)

The winter months were generally warmer-than-normal across the U.S. except for normal to slightly below normal conditions in the Great Basin and Southwest where closed low systems brought periods of precipitation. The northern Plains to New England were quite warm—as much as 6 to 15 degrees above normal. Overall, it was the warmest winter on record across the contiguous states with six Northeast states recording their warmest winters in 121 years. Alaska had its second warmest winter on record since 1925.

Precipitation was above normal in several regions east of the Rockies. The Upper Midwest and central Plains had over 200 percent of normal precipitation with lowa recording its wettest winter in 121 year. The Southeast and Mid-Atlantic regions were also 130 to 200 percent of normal precipitation from Alabama to Virginia. Much of the Pacific Northwest, northern California, and parts of the Great Basin received above normal precipitation, much as rain instead of typical snow. The Southwest and South Central state were dry with less than 70 percent of normal precipitation falling from southern California to Texas. Severe to exceptional drought conditions continued to worsen across much of California, Nevada and southern Oregon.

Fuel conditions were sufficiently moist through the early part of the year to mitigate the majority of significant fire activity.

#### Spring (March – May)

The spring continued a very warm trend across most of the nation with only near normal to slightly below normal temperatures in the Interior West and the Southwest. Above normal temperatures stretched from the Pacific Northwest to the northern Plains and the Upper Midwest with readings 2 to 6 degrees above normal in general. Alaska had is warmest spring on record. All 50 states recorded above normal temperatures.

Precipitation was above normal across much of the western and central U.S. while much of the eastern third of the nation was dry. Texas had several heavy rain events that caused extensive flooding in the central and coastal parts of the state. Tropical Storm Bonnie made landfall on the central South Carolina coast, producing up to 10 inches of rain and severe flooding. Heavy snow in the northern Rockies kept snowpack at or above normal into the late spring. Some precipitation managed to get into southern California and the Southwest, slowing the spread of drought slightly.

Fuel conditions continued to be generally moist through the early part of the year to mitigate the majority of significant fire activity. Exceptions to this occurred in the southern plains where occasional dry and windy events lead to some unusual significant fire activity, and in the southern Appalachian mountains where long term dryness, which would come into play again later, led to a short term outbreak of significant fires. Excepting these two isolated circumstances the remainder of the fire activity in the U.S. trended well below normal.

#### **Summer (June – August)**

Very warm trends continued into the summer for much of nation, especially the Southwestern states and east of the Mississippi. In the West, California had its warmest summer on record while in the East most states were in the top 10 warmest with Connecticut recording its warmest. Alaska had its second warmest summer on record.

Very wet conditions develop along the Mississippi basin to the Upper Midwest. Texas continued to experience above normal rains as well. The West was very dry with less than 50 percent of normal precipitation over most of the region. Dry conditions began to develop in the Southeast where less than 70 percent of normal rainfall occurred across Alabama, Georgia, South Carolina, North Carolina, and Tennessee. Florida's east coast was also dry while the west coast was wet. Drought conditions worsened in the West where severe to exceptional drought continued across much of California, Nevada, and Oregon. Severe or worse drought developed in Wyoming and South Dakota; Alabama, Georgia, South Carolina, and Tennessee; and over parts of New England.

Though conditions were present to support significant fire activity throughout the summer fire season, for the most part these conditions fell well within the normal range and fire activity was generally normal. The primary exception to this was in Southern California where long term drought led to significant tree mortality; however, ignitions in this area did not occur at a sufficient pace to lead to exceptional activity. Generally, what would be considered normal fuel conditions and normal levels of fire activity were experienced throughout the U.S. during the typical summer fire season.

#### **Autumn (September – December)**

Extreme heat took hold across much of the nation in the fall as most of the lower 48 had record or near record autumn (September-November) temperatures. Seven states (Texas, New Mexico, Colorado, Kansas, Iowa, Wisconsin, and Michigan) had the warmest autumns on record. Most of the rest east of the Rockies were in their respective top five warmest on record. Conditions were cooler on the West Coast but still much warmer-than-normal.

Early snow and heavy rain in the northwestern quarter helped keep temperatures down in the region but also brought near-record precipitation for the season. Several across the northwest received over 200 percent of normal precipitation. Oregon recorded its wettest autumn. Drought continued in the western U.S. although late autumn precipitation reduced its areal coverage and severity. Only southern California and western Nevada had severe or worse drought. In the central U.S. conditions were also improving by the end of autumn. In the Southeast, however, conditions had worsened with severe to exceptional drought now covering much of Alabama, Georgia, western South Carolina, western North Carolina, and eastern Tennessee. Parts of coastal New England were also in severe or worse drought.

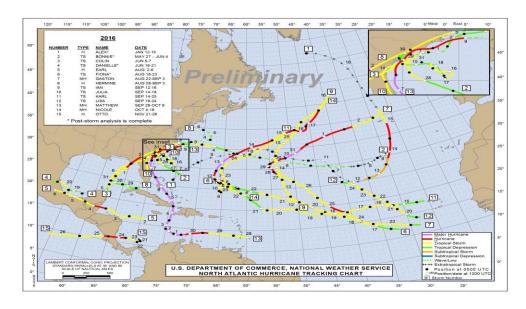
By December, heavy precipitation across the Southeast greatly reduced the drought conditions with only severe to extreme drought observed in a narrow band from central Alabama to the western tip of North Carolina. In the West and the Northeast, conditions changed little through December.

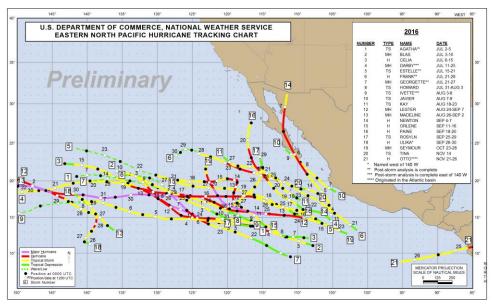
An unusually robust southern fire season occurred as the confluence of significant long term drought and seasonal leaf drop provided a heavy and dry fuel bed in which ignitions occurred and spread rapidly. This unusual condition led to a significant increase in fire activity and a well above normal fall fire season across the southern Appalachia region.

#### **Hurricane and Other Non-Fire Incident Support**

The 2016 Atlantic Hurricane season ended with 15 named storms, seven of which became hurricanes and three major hurricanes. Both named storms and hurricanes were above the long-term averages (12 and 6). Three tropical storms (Bonnie, Colin, Julia) and two hurricanes (Hermine, Matthew) made landfall in the U.S.

In the Eastern Pacific, there were 21 named storms with 11 hurricanes, well above average. Of those, five were major hurricanes. There were all above the long-term averages of 16, 8 and 4, respectively.





Preliminary hurricane storm tracks for the 2016 Atlantic Hurricane Season (top) and the 2016 Eastern Pacific Hurricane Season (bottom). From NOAA National Hurricane Center (http://www.nhc.noaa.gov/)

#### **National Fire Activity Synopsis**

The 2016 fire season was below normal for number of reported wildfires (92 percent of the 10-year annual average). There were 67,743 wildfires reported nationally (compared to 68,151 wildfires reported in 2015). The number of acres burned was also below normal in 2016 with 5,509,995 acres or 79 percent of the national 10-year average. The Southern Area led the nation with nearly 1.6 million acres burned (109 percent of its 10-year average).

Based on an annual 10-year average, Alaska (114%) and Southwest (108%) reported above average fire occurrences in 2016. Rocky Mountain (98%) and Eastern (97%) experienced near average fire occurrence, while Southern (94%), Northern Rockies (92%), Southern California (90%), Northern California (82%), Great Basin (75%), and Northwest (71%) all experienced below average fire occurrences.

Rocky Mountain (193%), Southern California (153%) and Southern Area (109%) were the only Geographic Areas to experience above average acres burned. All other Geographic Areas were below their annual average acres. Nineteen fires exceeded 40,000 acres in 2016; thirty-three less than in 2015 (see Significant Fire Activity below for a list of those fires).

A total of 4,312 structures were destroyed by wildfires in 2016, including 3,192 residences, 1,025 minor structures, 78 commercial structures and 17 mixed commercial/residential structures. This is above the annual average of 1,449 residences, 1,248 minor structures, and 53 commercial structures destroyed by wildfire with this year ranking 5<sup>th</sup> in total structures lost (data from 1999 to present). Tennessee accounted for the highest number of structures lost in one state in 2016: 2,121 residences, 53 commercial structures, and 1 minor structure. California was second with 754 residences, 12 commercial structures, 1 mixed residential/commercial structure and 429 minor structures.

Requests for firefighting resources placed to the National Interagency Coordination Center during the 2016 fire season were right at or lower than the 10-year average in most categories. Filled requests for crews, type 1 and type 2 helicopters and heavy air tankers exceeded their respective 10-year averages.

National Type 1 teams were mobilized 31 times (down from 39 in 2015), and spent 439 days on assignments (down from 571 days in 2015). All 16 national teams had between one and three assignments each. Type 2 Teams were mobilized 92 times (down from 121 in 2015), for a total of 1,046 days assigned to incidents (down from 1,537 days in 2015). (Figures include both national and state teams.) Area Command teams were not mobilized in 2016. National Incident Management Organizations (NIMO) mobilized 7 times in 2016 to both wildland fire and non-fire incidents.

#### Military and International Resource Mobilizations

**Military**: On August 4, two MAFFS units were activated through a Request for Assistance (RFA) to the Department of Defense. This request was filled with one MAFFS from the 153<sup>rd</sup> Airlift Wing and one MAFFS from the 302<sup>nd</sup> Airlift Wing were positioned at Boise, ID in support wildland fire operations. On August 19 one additional MAFFS from the 153<sup>rd</sup> Airlift Wing was positioned at Boise, ID. On August 17 one MAFFS from the 153<sup>rd</sup> Airlift Wing was released

back to the DOD. On September 4 the remaining two MAFFS each from the 302<sup>nd</sup> and 153<sup>rd</sup> Airlift Wing were released back to the DOD.

MAFFS units primarily provided retardant delivery primarily to the Great Basin and Northwest Geographic Areas while employed from August 4 through September 12. These units delivered a total of 395,632 gallons of retardant while conducting 165 sorties. This is down from 2015 when 372 sorties were flown delivering 842,983 gallons of retardant.

**International**: Through the NIFC-CIFFC Agreement the U.S. provided two heavy air tankers and two lead planes to Ontario, Canada for one day. On May 20 the U.S. mobilized 10 crews and two overhead personnel to Alberta. These resources were released back to the U.S. on June 4.

Through the NIFC-CIFFC Agreement Canada provided two air tanker groups to the U.S. On August 4 British Columbia provided two air tankers and one bird dog. On August 26<sup>th</sup> Alberta provided two air tankers and one bird dog to the U.S. On September 3 the U.S. released to air tankers and one bird dog back to British Columbia. On September 9 the U.S. released two air tankers and one bird dog back to Alberta.

## **Significant Wildland Fires**

#### Fires and Complexes Over 40,000 Acres in 2016

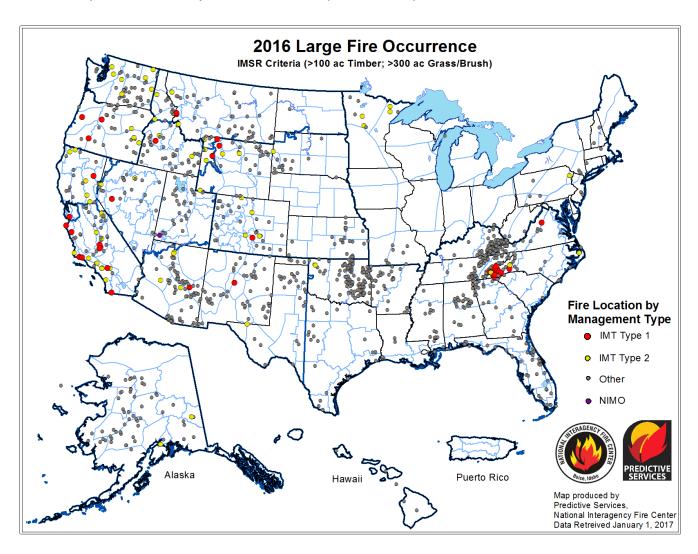
| Name                       | GACC | State | Start<br>Date | Contain<br>or Last<br>Report<br>Date | Size<br>(Acres) | Cause | Estimated<br>Cost |
|----------------------------|------|-------|---------------|--------------------------------------|-----------------|-------|-------------------|
| Anderson Creek             | SA   | OK    | 3/23          | 4/4                                  | 367,740         | U     | \$1,750,000       |
| Pioneer                    | GB   | ID    | 7/18          | 10/27                                | 188,404         | U     | \$90,000,000      |
| Range 12                   | NW   | WA    | 7/30          | 8/8                                  | 176,600         | U     | \$1,700,000       |
| Soberanes                  | SO   | CA    | 7/22          | 10/23                                | 132,127         | Н     | \$262,500,000     |
| Hot Pot                    | GB   | NV    | 7/2           | 7/10                                 | 122,292         | J     | \$3,402,259       |
| Alatna Complex             | AK   | AK    | 6/28          | 7/24                                 | 113,157         | L     | \$1,040,018       |
| Virginia Mountains Complex | GB   | NV    | 7/29          | 8/6                                  | 59,727          | L     | \$8,000,200       |
| Dulbi Flats                | AK   | AK    | 6/26          | 8/26                                 | 58,138          | L     | NR                |
| 350 Complex                | SA   | OK    | 5/5           | 5/15                                 | 57,167          | U     | \$900,000         |
| Henrys Creek               | GB   | ID    | 8/21          | 8/31                                 | 52,972          | U     | \$4,320,000       |
| Erskine                    | SO   | CA    | 6/23          | 7/7                                  | 48,019          | U     | \$23,000,000      |
| Chimney                    | SO   | CA    | 8/13          | 9/5                                  | 46,344          | U     | \$78,300,000      |
| Cedar                      | SW   | ΑZ    | 6/15          | 7/28                                 | 45,977          | U     | \$14,000,000      |
| Maple                      | RM   | WY    | 8/8           | 10/27                                | 45,516          | L     | \$6,267,928       |
| Crutch Complex             | SA   | TX    | 3/24          | 3/24                                 | 44,696          | U     | NR                |
| Big Mud                    | AK   | AK    | 6/1           | 6/19                                 | 42,641          | L     | \$59,268          |
| North                      | SW   | NM    | 5/21          | 7/14                                 | 42,102          | L     | \$4,800,000       |
| Rail                       | NW   | OR    | 7/31          | 9/29                                 | 41,706          | U     | \$34,900,000      |
| Cottonwood CA              | RM   | SD    | 10/16         | 10/18                                | 41,360          | U     | \$170,000         |

L – Lightning H – Human U – Undetermined or Under Investigation NR – Not Reported

Information in the above table was derived from ICS-209 reports submitted in the Fire and Aviation Management Web Applications system (FAMWEB). Information shown may not reflect final official figures.

#### **Significant Fire Activity**

There were 1,251 large or significant wildfires reported in 2016 (derived from ICS-209 reports submitted through FAMWEB). Significant wildfires represented about 1.8 percent of total wildfires reported nationally in 2016. The maps below depict the locations of these fires.

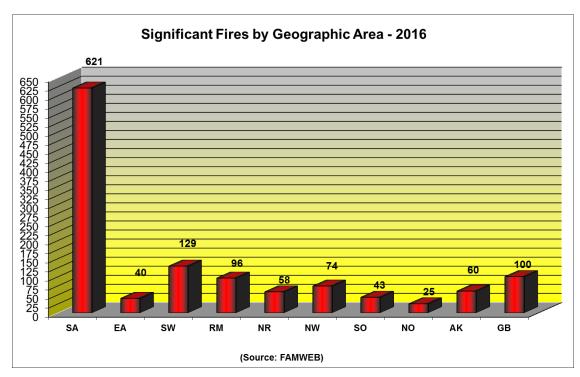


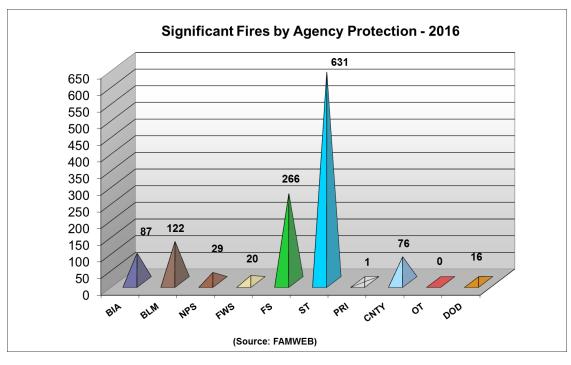
#### **Significant Fire Activity**

Significant fires are defined in the National Mobilization Guide as fires that are a minimum of 100 acres in timber fuel types, 300 acres in grass and brush fuel types, or are managed by a Type 1 or 2 Incident Management Team, WFMT or NIMO.

Percent of Reported Significant Fires by Geographic Area

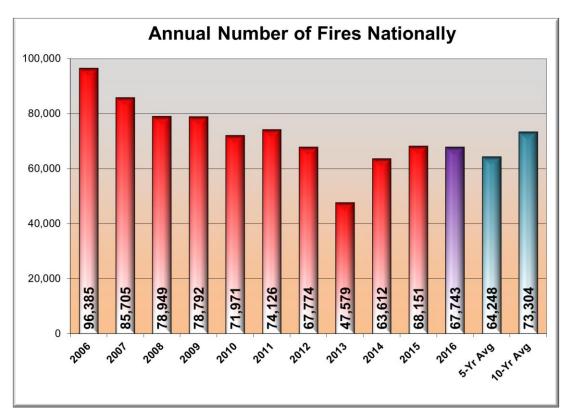
| AK | NW | NO | so | NR | GB | sw  | RM | EA | SA  |
|----|----|----|----|----|----|-----|----|----|-----|
| 5% | 6% | 2% | 3% | 5% | 8% | 10% | 8% | 3% | 50% |

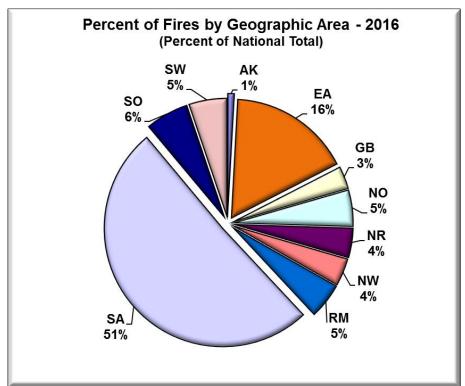




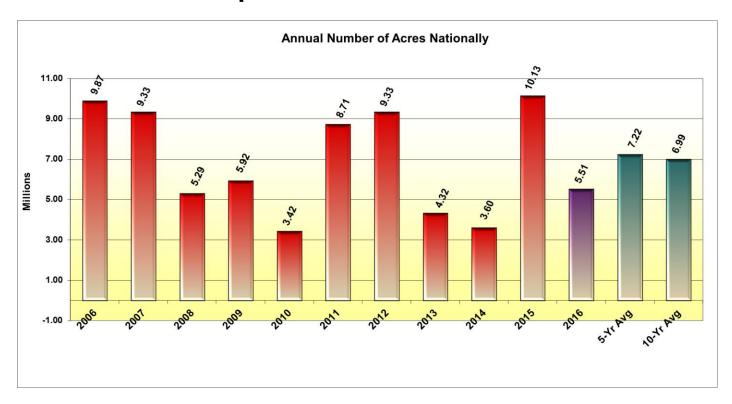
#### Wildfires Reported to NICC

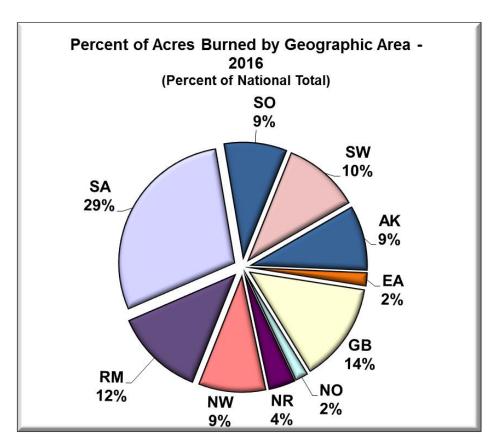
In 2016 there were 67,743 wildfires in the U.S., which burned 5,509,995 acres. Fires reported were between the five and ten year averages while acres were well below both the 5 and 10 year national average. The charts below depict fires and acres as a percentage of the national total.





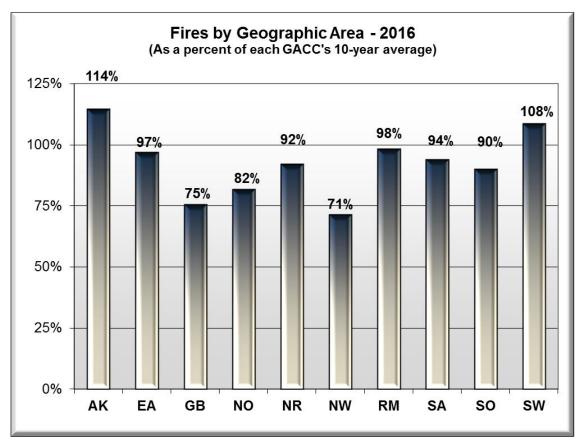
## Wildfire Acres Reported to NICC

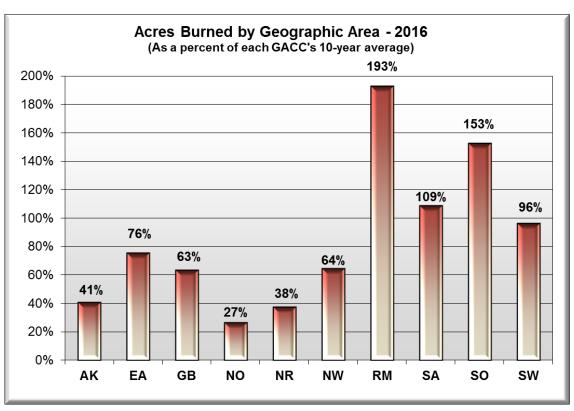




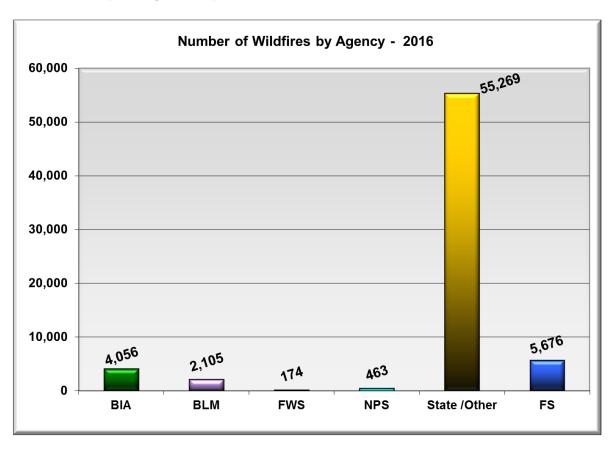
## Wildfire Activity Levels by Geographic Area

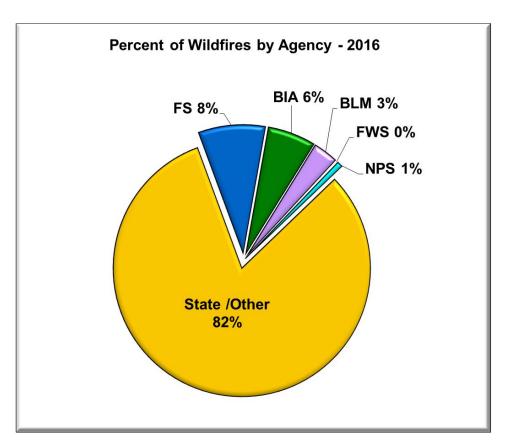
Percent of the ten year average for each Geographic Area.



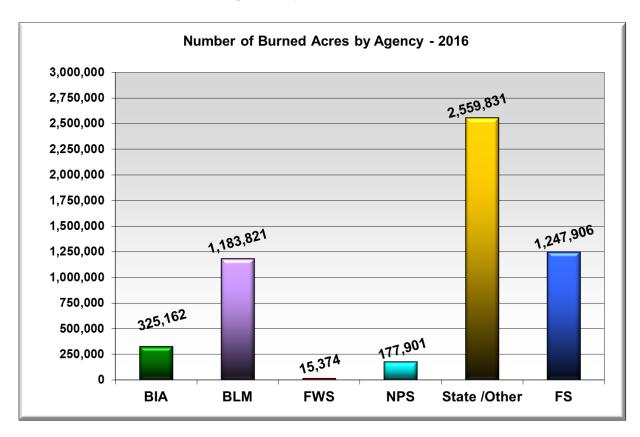


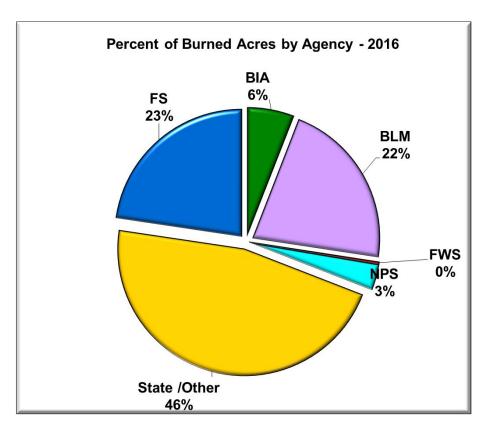
## Wildfires by Agency





## Wildfire Acres by Agency

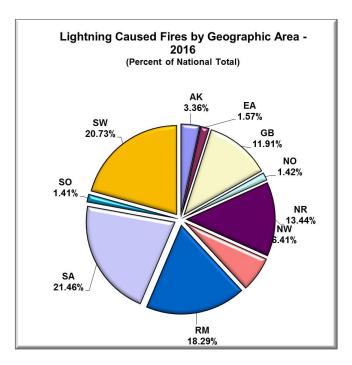




## **Lightning Fires and Acres by Geographic Area**

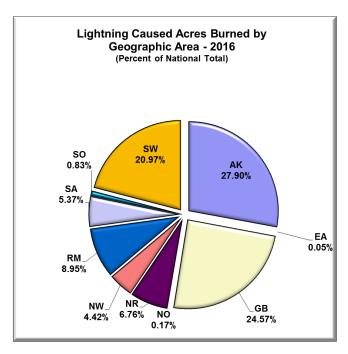
**Number of Lightning Caused Fires** 

| AK  | EA  | EB  | NO | NR  | NW  | RM   | SA   | SO | SW   | Total |
|-----|-----|-----|----|-----|-----|------|------|----|------|-------|
| 229 | 107 | 812 | 97 | 916 | 437 | 1247 | 1463 | 96 | 1413 | 6,817 |



**Number of Lightning Caused Acres Burned** 

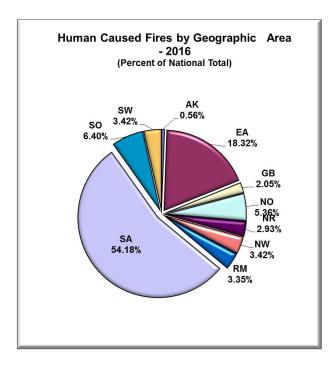
| AK      | EA  | EB      | NO    | NR      | NW     | RM      | SA     | so     | SW      | Total     |
|---------|-----|---------|-------|---------|--------|---------|--------|--------|---------|-----------|
| 486,398 | 948 | 428,304 | 3,007 | 117,891 | 77,120 | 156,090 | 93,621 | 14,489 | 365,517 | 1,743,385 |



## **Human Caused Fires and Acres by Geographic Area**

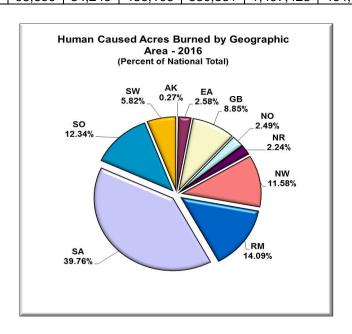
#### **Number of Human Caused Fires**

| AK  | EA     | EB    | NO    | NR    | NW    | RM    | SA     | so    | SW    | Total  |
|-----|--------|-------|-------|-------|-------|-------|--------|-------|-------|--------|
| 343 | 11,163 | 1,251 | 3,266 | 1,784 | 2,082 | 2,042 | 33,011 | 3,900 | 2,084 | 60,926 |



#### **Number of Human Caused Acres Burned**

| AK     | EA     | EB      | NO     | NR     | NW      | RM      | SA        | so      | SW      | Total     |
|--------|--------|---------|--------|--------|---------|---------|-----------|---------|---------|-----------|
| 10.069 | 97.094 | 333.318 | 93.699 | 84.249 | 436,106 | 530.831 | 1.497.423 | 464.718 | 219.103 | 3.766.610 |



## Wildfires and Acres Burned by Agency

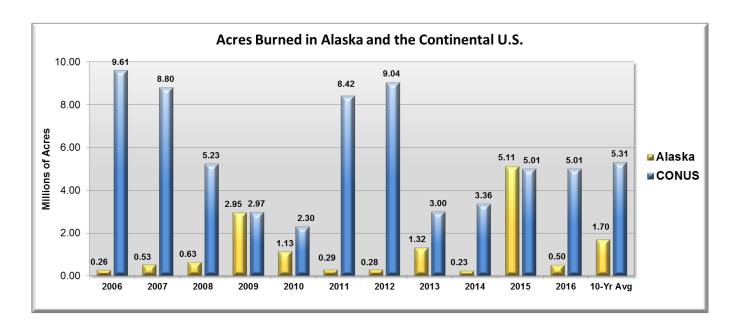
| _       |       |           |           |           |           |           |           |           |            |           | 5-Yr      | 10-Yr     |
|---------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|
| Agency  |       | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015       | 2016      | Avg.      | Avg.      |
| BIA     | Fires | 4,934     | 4,375     | 3,825     | 4,274     | 5,753     | 3,239     | 3,377     | 3,886      | 4,056     | 4,106     | 4,502     |
| DIA     | Acres | 168,336   | 200,562   | 106,978   | 364,767   | 866,444   | 173,491   | 327,352   | 591,644    | 325,162   | 464,740   | 344,299   |
| BLM     | Fires | 1,941     | 2,545     | 2,312     | 2,798     | 3,031     | 2,628     | 1,944     | 2,093      | 2,105     | 2,499     | 2,575     |
| DLIVI   | Acres | 330,981   | 989,029   | 830,377   | 959,410   | 3,331,273 | 1,012,600 | 871,642   | 4,770,133  | 1,183,821 | 1,401,060 | 1,752,308 |
| FS      | Fires | 7,113     | 7,691     | 6,797     | 6,667     | 7,098     | 7,105     | 6,755     | 7,056      | 5,676     | 6,936     | 7,517     |
| гэ      | Acres | 1,234,479 | 715,677   | 319,730   | 1,729,937 | 2,680,233 | 1,365,644 | 871,876   | 1,916,302  | 1,247,906 | 1,712,798 | 1,556,553 |
| FWS     | Fires | 425       | 448       | 323       | 442       | 394       | 332       | 348       | 194        | 174       | 342       | 383       |
| FWS     | Acres | 95,952    | 821,838   | 187,991   | 171,368   | 101,752   | 138,284   | 17,404    | 33,897     | 15,374    | 92,541    | 230,627   |
| NPS     | Fires | 396       | 426       | 390       | 418       | 369       | 455       | 389       | 398        | 463       | 406       | 427       |
| INFS    | Acres | 89,061    | 182,047   | 174,255   | 98,147    | 140,807   | 265,755   | 24,949    | 74,780     | 177,901   | 120,888   | 122,583   |
| State / | Fires | 64,140    | 63,307    | 58,324    | 59,527    | 51,129    | 33,820    | 50,799    | 54,524     | 55,269    | 49,960    | 57,900    |
| Other   | Acres | 3,373,659 | 3,012,633 | 1,803,393 | 5,387,738 | 2,205,729 | 1,363,772 | 1,482,390 | 2,738,393  | 2,559,831 | 2,635,604 | 2,985,299 |
| Total   | Fires | 78,949    | 78,792    | 71,971    | 74,126    | 67,774    | 47,579    | 63,612    | 68,151     | 67,743    | 64,248    | 73,304    |
| Total   | Acres | 5,292,468 | 5,921,786 | 3,422,724 | 8,711,367 | 9,326,238 | 4,319,546 | 3,595,613 | 10,125,149 | 5,509,995 | 7,215,583 | 6,991,668 |

## Wildfires and Acres Burned by Geographic Area

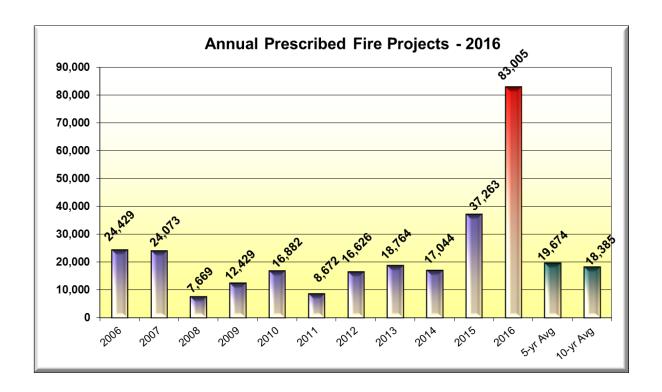
|      |       |           |           |           |           |           |           |           |           |           | 5-Yr      | 10-Yr     |
|------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| GACC |       | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | Avg.      | Avg.      |
| AK   | Fires | 340       | 527       | 689       | 515       | 416       | 603       | 384       | 768       | 572       | 537       | 500       |
| AN   | Acres | 62,648    | 2,951,597 | 1,125,419 | 293,018   | 286,887   | 1,316,876 | 233,561   | 5,111,404 | 496,467   | 1,448,349 | 1,217,269 |
| EA   | Fires | 11,323    | 15,781    | 15,844    | 9,153     | 11,147    | 7,110     | 7,030     | 11,639    | 11,270    | 9,216     | 11,629    |
| LA   | Acres | 69,816    | 118,657   | 130,103   | 213,172   | 146,208   | 64,992    | 54,141    | 100,294   | 98,042    | 115,761   | 129,763   |
| GB   | Fires | 2,112     | 2,499     | 2,331     | 2,695     | 3,343     | 2,971     | 2,250     | 2,096     | 2,063     | 2,671     | 2,814     |
| GB   | Acres | 217,642   | 170,335   | 735,886   | 886,667   | 2,502,018 | 930,795   | 164,802   | 505,483   | 761,622   | 997,953   | 1,200,855 |
| NO   | Fires | 4,807     | 4,567     | 2,943     | 3,092     | 3,536     | 5,299     | 4,082     | 4,587     | 3,363     | 4,119     | 4,120     |
| NO   | Acres | 943,155   | 107,411   | 35,674    | 24,200    | 771,486   | 165,194   | 474,826   | 594,048   | 96,706    | 405,951   | 364,620   |
| NR   | Fires | 2,650     | 2,556     | 1,740     | 2,053     | 3,433     | 2,773     | 2,665     | 3,817     | 2,700     | 2,948     | 2,933     |
| INIX | Acres | 229,389   | 69,016    | 70,474    | 198,624   | 1,497,972 | 179,459   | 143,271   | 745,947   | 202,140   | 553,055   | 538,520   |
| NW   | Fires | 2,989     | 3,467     | 2,188     | 2,150     | 2,305     | 4,389     | 4,572     | 4,603     | 2,519     | 3,604     | 3,533     |
| INVV | Acres | 282,959   | 177,920   | 150,553   | 303,260   | 1,515,596 | 503,993   | 1,383,514 | 1,823,473 | 513,226   | 1,105,967 | 796,056   |
| RM   | Fires | 2,557     | 2,524     | 2,903     | 3,433     | 5,584     | 2,621     | 2,356     | 2,559     | 3,289     | 3,311     | 3,353     |
| KIVI | Acres | 228,701   | 107,188   | 151,631   | 517,004   | 1,244,073 | 237,121   | 78,345    | 180,822   | 686,921   | 451,473   | 356,561   |
| SA   | Fires | 43,749    | 38,660    | 37,176    | 42,362    | 30,964    | 14,448    | 34,267    | 31,594    | 34,474    | 30,727    | 36,751    |
| SA   | Acres | 2,204,237 | 1,227,610 | 624,440   | 3,892,567 | 718,624   | 182,650   | 752,694   | 556,267   | 1,591,044 | 1,220,560 | 1,465,710 |
| so   | Fires | 5,382     | 4,591     | 3,610     | 4,891     | 4,412     | 4,608     | 3,786     | 4,175     | 3,996     | 4,374     | 4,446     |
| 30   | Acres | 480,389   | 305,974   | 83,986    | 104,829   | 99,914    | 412,481   | 80,218    | 304,925   | 479,207   | 200,473   | 313,940   |
| sw   | Fires | 3,040     | 3,620     | 2,547     | 3,782     | 2,634     | 2,757     | 2,220     | 2,313     | 3,497     | 2,741     | 3,224     |
| 344  | Acres | 573,532   | 686,078   | 314,558   | 2,278,026 | 543,460   | 325,985   | 230,241   | 202,486   | 584,620   | 716,040   | 608,374   |

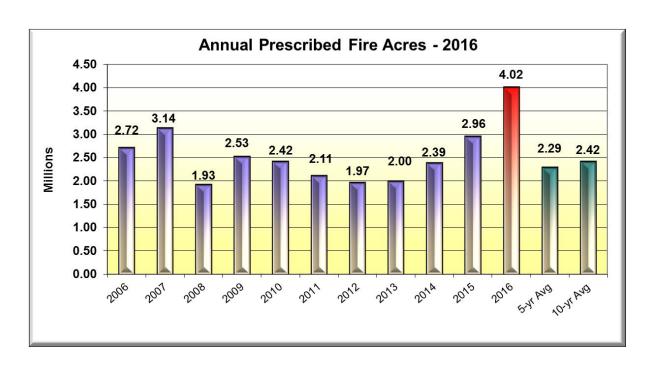
#### **Alaska Wildfire Activity**

In 2016 Alaska burned 10 percent of all burned acres in the U.S. This is well below the ten year average of 17 percent. The chart below compares annual acres burned between Alaska and the rest of the U.S. (including Hawaii).

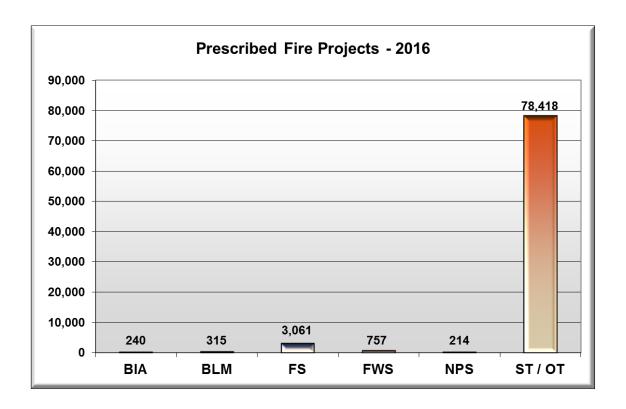


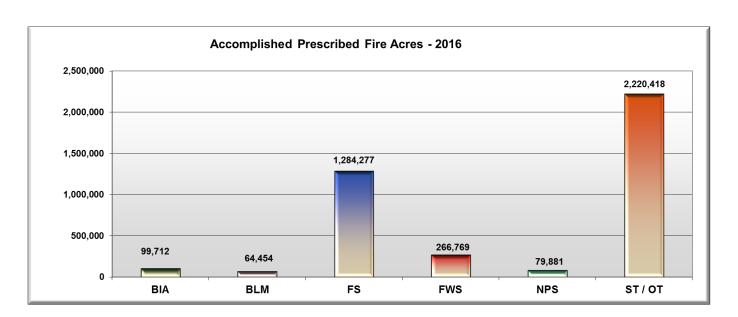
## **Prescribed Fire Projects and Acres**





## **Prescribed Fire Projects and Acres by Agency**





## **Prescribed Fire Projects by Agency and Geographic Area**

National reporting of Prescribed Fire projects and acres began in 1998.

#### **Prescribed Fire Projects by Agency**

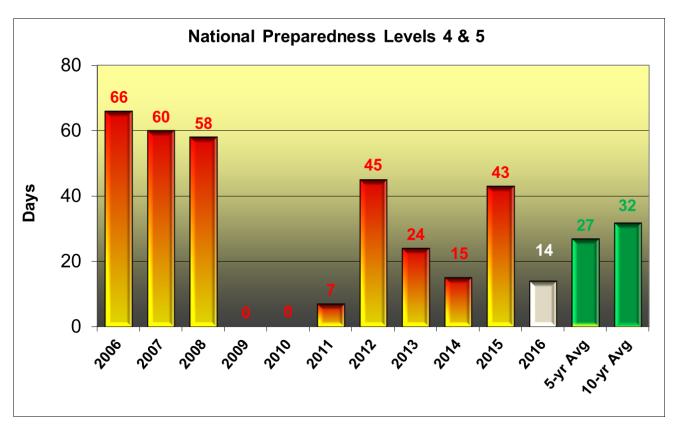
| Agency  |       | 2007      | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 10 - Yr Avg |
|---------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| BIA     | Fires | 284       | 254       | 2,186     | 403       | 321       | 201       | 202       | 288       | 245       | 240       | 464         |
| DIA     | Acres | 83,811    | 86,161    | 151,435   | 124,404   | 111,352   | 62,529    | 80,889    | 109,629   | 77,907    | 99,712    | 97,464      |
| BLM     | Fires | 462       | 447       | 552       | 431       | 383       | 304       | 328       | 429       | 334       | 315       | 415         |
| DLIVI   | Acres | 100,121   | 109,128   | 152,420   | 91,622    | 242,658   | 39,675    | 34,492    | 132,311   | 84,399    | 64,454    | 107,400     |
| FS      | Fires | 4,771     | 3,193     | 3,795     | 3,766     | 2,890     | 2,719     | 2,497     | 3,021     | 2,995     | 3,061     | 3,479       |
| - 13    | Acres | 1,291,889 | 955,016   | 1,244,342 | 1,408,693 | 960,992   | 969,560   | 1,006,955 | 1,243,739 | 993,570   | 1,284,277 | 1,116,647   |
| FWS     | Fires | 1,228     | 821       | 1,227     | 1,024     | 840       | 1,001     | 530       | 899       | 727       | 757       | 961         |
| 1 443   | Acres | 405,455   | 246,617   | 338,161   | 257,672   | 195,055   | 234,887   | 123,399   | 201,426   | 225,890   | 266,769   | 252,038     |
| NPS     | Fires | 271       | 223       | 815       | 251       | 213       | 203       | 154       | 196       | 160       | 214       | 272         |
| INFS    | Acres | 111,879   | 105,497   | 137,719   | 94,500    | 72,045    | 62,357    | 44,347    | 67,937    | 33,377    | 79,881    | 81,418      |
| State / | Fires | 17,057    | 2,731     | 3,854     | 11,007    | 4,025     | 12,198    | 15,053    | 12,211    | 32,802    | 78,418    | 12,794      |
| Other   | Acres | 1,155,912 | 432,582   | 507,056   | 446,971   | 530,709   | 602,826   | 709,958   | 634,756   | 1,543,117 | 2,220,418 | 764,269     |
| Total   | Fires | 24,073    | 7,669     | 12,429    | 16,882    | 8,672     | 16,626    | 18,764    | 17,044    | 37,263    | 83,005    | 18,385      |
| Total   | Acres | 3,149,067 | 1,935,001 | 2,531,133 | 2,423,862 | 2,112,811 | 1,971,834 | 2,000,040 | 2,389,798 | 2,958,260 | 4,015,511 | 2,419,235   |

## **Prescribed Fire Projects by Geographic Area**

| GACC  |       | 2007      | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 10 - Yr<br>Avg |
|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------|
| AK    | Fires | 4         | 10        | 1         | 6         | 20        | 24        | 16        | 7         | 7         | 15        | 10             |
| AIX   | Acres | 20,650    | 3,990     | 290       | 505       | 8,982     | 13,226    | 5,177     | 59,591    | 4,953     | 33,577    | 12,940         |
| EA    | Fires | 2,280     | 2,473     | 3,549     | 2,351     | 2,575     | 1,933     | 1,686     | 2,437     | 2,688     | 2,557     | 2,444          |
|       | Acres | 232,601   | 240,918   | 368,514   | 310,082   | 291,768   | 233,349   | 136,407   | 289,368   | 248,862   | 281,752   | 255,137        |
| GB    | Fires | 276       | 300       | 307       | 219       | 222       | 175       | 206       | 281       | 286       | 232       | 276            |
|       | Acres | 72,820    | 72,380    | 61,192    | 51,511    | 37,831    | 38,736    | 34,823    | 44,623    | 42,645    | 58,711    | 56,429         |
| NO    | Fires | 744       | 618       | 604       | 724       | 491       | 421       | 335       | 371       | 351       | 308       | 513            |
| 140   | Acres | 54,226    | 65,608    | 70,966    | 55,614    | 46,026    | 40,161    | 36,411    | 29,146    | 32,196    | 34,533    | 48,769         |
| NR    | Fires | 902       | 764       | 737       | 807       | 725       | 694       | 458       | 713       | 834       | 647       | 761            |
| IVIX  | Acres | 75,147    | 81,170    | 73,866    | 83,889    | 80,358    | 60,690    | 34,833    | 79,725    | 67,474    | 60,518    | 73,066         |
| NW    | Fires | 2,177     | 851       | 886       | 963       | 852       | 682       | 621       | 756       | 589       | 668       | 992            |
|       | Acres | 145,214   | 113,873   | 157,303   | 135,531   | 92,869    | 70,067    | 81,380    | 104,084   | 95,035    | 93,682    | 113,617        |
| RM    | Fires | 485       | 484       | 633       | 673       | 607       | 350       | 360       | 516       | 455       | 410       | 507            |
| IXIVI | Acres | 123,275   | 105,989   | 102,045   | 127,002   | 117,242   | 59,116    | 55,810    | 81,207    | 75,139    | 106,535   | 94,058         |
| SA    | Fires | 16,504    | 1,421     | 3,293     | 10,551    | 2,685     | 11,793    | 14,676    | 11,596    | 31,488    | 77,684    | 12,032         |
|       | Acres | 2,243,690 | 1,014,983 | 1,426,365 | 1,489,286 | 1,104,691 | 1,322,421 | 1,537,192 | 1,590,641 | 2,248,409 | 3,179,094 | 1,587,460      |
| so    | Fires | 151       | 207       | 237       | 241       | 189       | 211       | 208       | 144       | 266       | 193       | 200            |
|       | Acres | 17,177    | 21,718    | 22,974    | 16,928    | 13,388    | 16,669    | 12,183    | 7,851     | 14,633    | 12,420    | 15,382         |
| sw    | Fires | 526       | 522       | 2,167     | 321       | 276       | 302       | 177       | 196       | 299       | 291       | 647            |
| 311   | Acres | 153,432   | 206,899   | 244,740   | 149,076   | 314,011   | 111,089   | 64,759    | 99,671    | 128,914   | 154,509   | 161,630        |

#### **National Preparedness Levels**

In 2016 the national Preparedness Level (PL) was elevated to PL 2 on June 7 then was raised to PL 3 on July 26 where it remained for three and a half weeks. On August 20 it was raised to PL 4 where it remained for two weeks. On September 3 the PL dropped to 3 and quickly dropped to PL 2 three days later. On September 30 the PL was lowered to 1 where it remained for the rest of the calendar year.



# National Preparedness Level Summary In 2016 there were 14 days at Preparedness Levels 4 and 5.

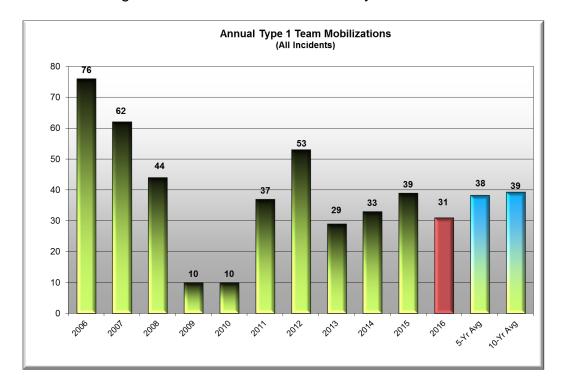
| Year      | PL1 | PL2 | PL3 | PL4 | PL5 | Total Days at<br>PL 4 & 5 |
|-----------|-----|-----|-----|-----|-----|---------------------------|
| 1990      | 247 | 74  | 31  | 6   | 7   | 13                        |
| 1991      | 255 | 103 | 7   | 0   | 0   | 0                         |
| 1992      | 278 | 67  | 15  | 6   | 0   | 6                         |
| 1993      | 268 | 97  | 0   | 0   | 0   | 0                         |
| 1994      | 235 | 26  | 54  | 4   | 46  | 50                        |
| 1995      | 254 | 96  | 15  | 0   | 0   | 0                         |
| 1996      | 99  | 178 | 60  | 8   | 21  | 29                        |
| 1997      | 216 | 149 | 0   | 0   | 0   | 0                         |
| 1998      | 157 | 172 | 30  | 6   | 0   | 6                         |
| 1999      | 159 | 165 | 33  | 8   | 0   | 8                         |
| 2000      | 179 | 73  | 61  | 13  | 40  | 53                        |
| 2001      | 188 | 142 | 9   | 10  | 16  | 26                        |
| 2002      | 187 | 76  | 14  | 26  | 62  | 88                        |
| 2003      | 92  | 155 | 60  | 10  | 48  | 58                        |
| 2004      | 249 | 57  | 60  | 0   | 0   | 0                         |
| 2005      | 233 | 44  | 47  | 41  | 0   | 41                        |
| 2006      | 110 | 145 | 44  | 16  | 50  | 66                        |
| 2007      | 212 | 76  | 17  | 21  | 39  | 60                        |
| 2008      | 209 | 84  | 15  | 36  | 22  | 58                        |
| 2009      | 275 | 62  | 28  | 0   | 0   | 0                         |
| 2010      | 231 | 134 | 0   | 0   | 0   | 0                         |
| 2011      | 207 | 93  | 58  | 7   | 0   | 7                         |
| 2012      | 212 | 49  | 60  | 45  | 0   | 45                        |
| 2013      | 253 | 46  | 42  | 17  | 7   | 24                        |
| 2014      | 242 | 82  | 26  | 15  | 0   | 15                        |
| 2015      | 253 | 29  | 40  | 19  | 24  | 43                        |
| 2016      | 251 | 73  | 28  | 14  | 0   | 14                        |
| 5-yr Avg  | 233 | 60  | 45  | 21  | 6   | 27                        |
| 10-yr Avg | 220 | 80  | 33  | 18  | 14  | 32                        |

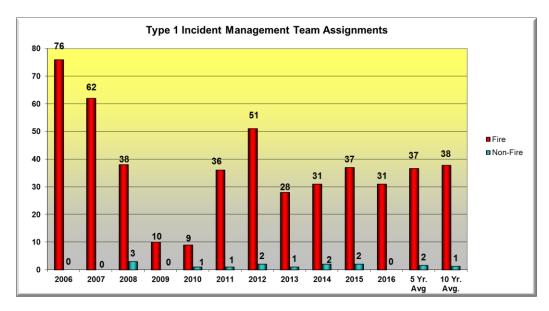
#### **Incident Management Team Mobilizations**

In 2016, National Incident Management Organization (NIMO) teams were assigned to seven wildfire incidents and support assignments for a total of 127 days. Area Command teams were not assigned to any incidents in 2016.

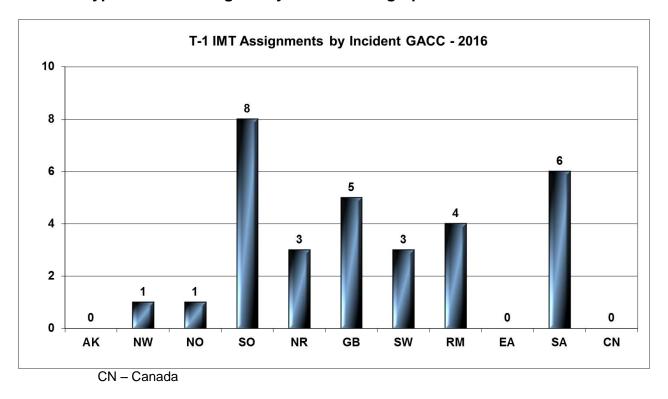
#### Type 1 Incident Management Team Mobilizations

Sixteen national Type 1 Teams were available in 2016. Type 1 Teams mobilized to 31 assignments. Of these assignments all 31 were to wildland fires. A total of 5 Type 1 Team assignments were mobilized through NICC. Type 1 teams were assigned a combined total of 439 days in 2016, down from 571 assignment days in 2015. The record was set in 2002 when Type 1 Teams were assigned 85 times for a total of 999 days.

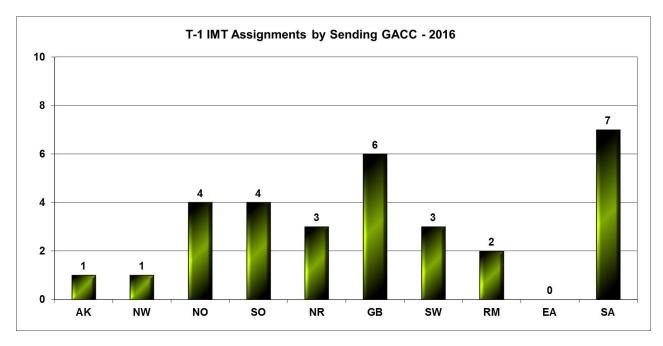




Type 1 IMT Assignments by Geographic Area Number of Type 1 Teams assigned by incident Geographic Area.

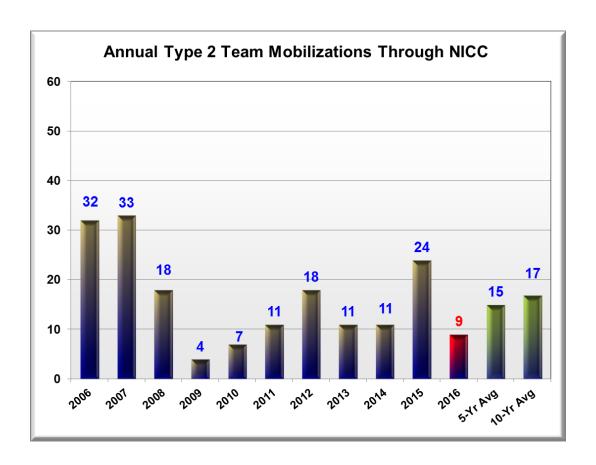


#### Number of Type 1 Teams mobilized by team home Geographic Area.

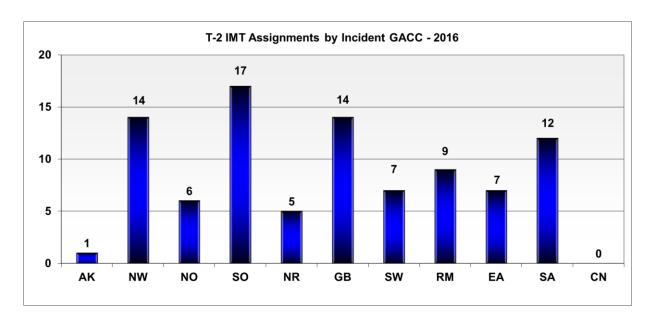


#### **Type 2 Incident Management Team Mobilizations**

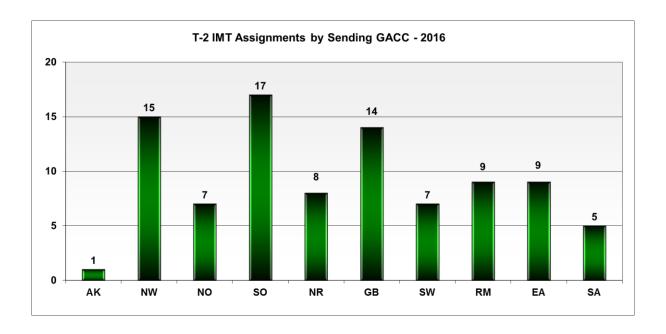
Of the 92 total Type 2 Team assignments in 2016, 9 were filled through NICC. Teams were assigned a total of 1,046 days in 2016, down from 1,537 days assigned in 2015. The following charts and tables summarize total requests by agency and Geographic Area.



Type 2 IMT Assignments by Geographic Area Number of Type 2 Teams assigned by incident Geographic Area.



Number of Type 2 Teams mobilized by team home Geographic Area



## **Incident Management Team Mobilizations**

Incident Management Team summary: The tables below depict total Type 1 and Type 2 Incident Management Teams requested through NICC.

#### **By Requesting Agency**

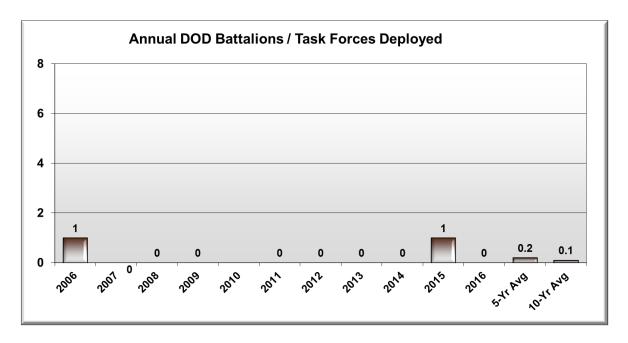
|        | Type 1 IMT |        |     | Total | Type 2 IMT |        |     | Total |
|--------|------------|--------|-----|-------|------------|--------|-----|-------|
| Agency | Fill       | Cancel | UTF | IMT 1 | Fill       | Cancel | UTF | IMT 2 |
| BIA    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| BLM    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| DOD    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| FEMA   | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| FS     | 3          | 0      | 0   | 3     | 8          | 0      | 0   | 8     |
| FWS    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| NPS    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| ST     | 1          | 0      | 0   | 1     | 1          | 0      | 0   | 1     |
| Other  | 1          | 0      | 0   | 1     | 0          | 0      | 0   | 0     |
| Total  | 5          | 0      | 0   | 5     | 9          | 0      | 0   | 9     |

#### By Requesting Geographic Area

|       | Type 1 IMT |        |     | Total | Type 2 IMT |        |     | Total |
|-------|------------|--------|-----|-------|------------|--------|-----|-------|
| GACC  | ΕÏ         | Cancel | UTF | IMT 1 | Fill       | Cancel | UTF | IMT 2 |
| AK    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| EA    | 0          | 0      | 0   | 0     | 1          | 0      | 0   | 1     |
| GB    | 1          | 0      | 0   | 1     | 0          | 0      | 0   | 0     |
| NIFC  | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| NO    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| NR    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| NW    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| RM    | 2          | 0      | 0   | 2     | 1          | 0      | 0   | 1     |
| SA    | 1          | 0      | 0   | 1     | 7          | 0      | 0   | 7     |
| SO    | 1          | 0      | 0   | 1     | 0          | 0      | 0   | 0     |
| SW    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| Other | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| CN    | 0          | 0      | 0   | 0     | 0          | 0      | 0   | 0     |
| TOTAL | 5          | 0      | 0   | 5     | 9          | 0      | 0   | 9     |

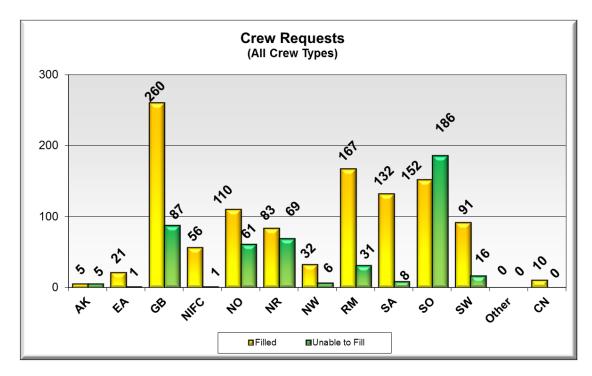
#### **Department of Defense Mobilizations**

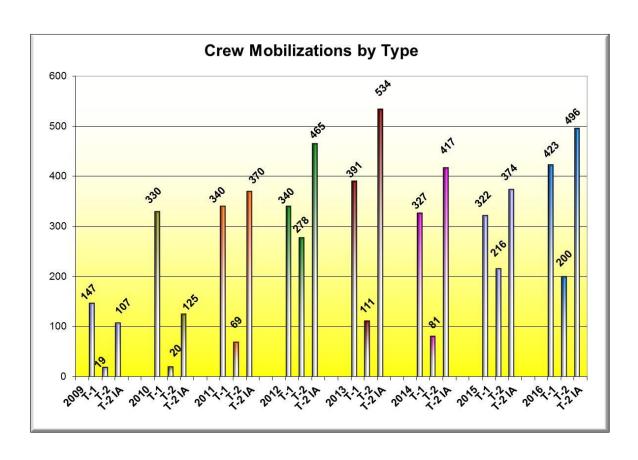
No battalions or task forces were mobilized by the Department of Defense in 2016. The number of Army battalions and task forces deployed annually is shown below.

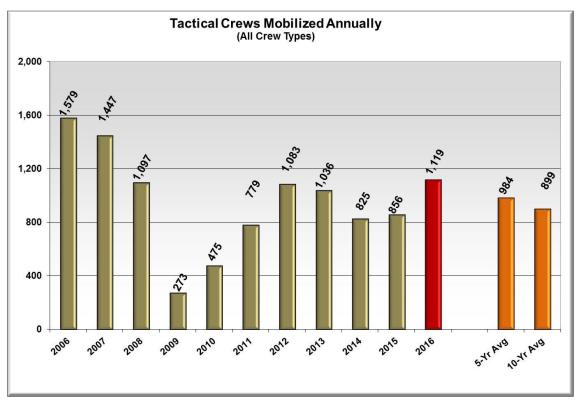


#### **Crew Mobilizations**

NICC processed 1,731 crew requests in 2016. Of these requests, 1,119 were filled, 141 requests were canceled, and 471 were UTF. There were 801 Type 1 crew requests, 247 Type 2 crew requests and 683 Type 2 IA crew requests placed to NICC.







Tactical crews include Type 1, Type 2 and Type 2 IA.

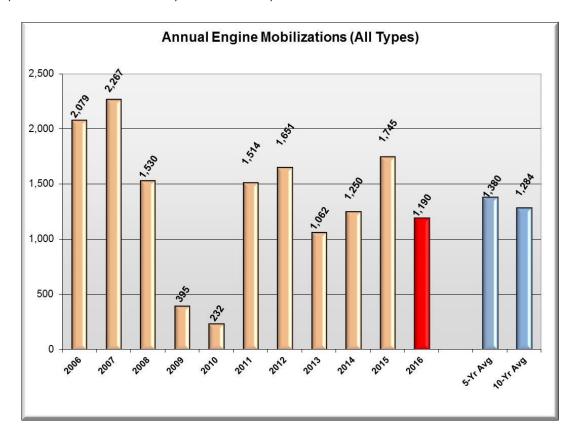
### **Crew Summary by Requesting Agency and GACC**

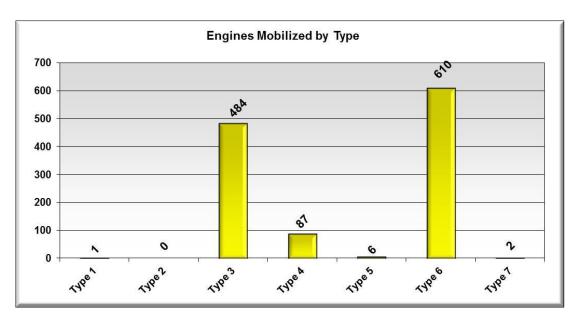
|        |      | Type 1 |     |      | Type 2 |     |      | Type 2-IA | \   |       | Crews Tota | 1   |
|--------|------|--------|-----|------|--------|-----|------|-----------|-----|-------|------------|-----|
| Agency | Fill | Cancel | UTF | Fill | Cancel | UTF | Fill | Cancel    | UTF | Fill  | Cancel     | UTF |
| BIA    | 7    | 4      | 3   | 1    | 0      | 1   | 6    | 2         | 0   | 14    | 6          | 4   |
| BLM    | 23   | 0      | 26  | 14   | 0      | 1   | 19   | 1         | 6   | 56    | 1          | 33  |
| DOD    | 1    | 0      | 10  | 0    | 0      | 0   | 0    | 0         | 0   | 1     | 0          | 10  |
| FEMA   | 0    | 0      | 0   | 0    | 0      | 0   | 0    | 0         | 0   | 0     | 0          | 0   |
| FS     | 297  | 35     | 220 | 116  | 12     | 6   | 371  | 43        | 61  | 784   | 90         | 287 |
| FWS    | 2    | 0      | 0   | 0    | 0      | 0   | 1    | 1         | 1   | 3     | 1          | 1   |
| NPS    | 19   | 1      | 3   | 0    | 0      | 0   | 8    | 3         | 0   | 27    | 4          | 3   |
| ST     | 43   | 12     | 45  | 65   | 1      | 26  | 68   | 22        | 44  | 176   | 35         | 115 |
| Other  | 21   | 3      | 16  | 4    | 0      | 0   | 23   | 1         | 2   | 48    | 4          | 18  |
| Canada | 10   | 0      | 0   | 0    | 0      | 0   | 0    | 0         | 0   | 10    | 0          | 0   |
| Total  | 423  | 55     | 323 | 200  | 13     | 34  | 496  | 73        | 114 | 1,119 | 141        | 471 |
| Total  |      | 801    | •   |      | 247    | •   |      | 683       | •   |       | 1,731      | -   |

|       |      | Type 1 |     |      | Type 2 |     |      | Type 2-IA | 1   | Crews Total |        |           |
|-------|------|--------|-----|------|--------|-----|------|-----------|-----|-------------|--------|-----------|
| GACC  | Fill | Cancel | UTF | Fill | Cancel | UTF | Fill | Cancel    | UTF | Fill        | Cancel | UTF       |
| AK    | 5    | 0      | 5   | 0    | 0      | 0   | 0    | 0         | 0   | 5           | 0      | 5         |
| EA    | 19   | 3      | 0   | 0    | 0      | 0   | 2    | 2         | 1   | <b>21</b>   | 5      | 1         |
| GB    | 72   | 14     | 58  | 49   | 1      | 0   | 139  | 11        | 29  | 260         | 26     | <b>87</b> |
| NIFC  | 38   | 1      | 0   | 0    | 0      | 0   | 18   | 2         | 1   | <b>56</b>   | 3      | 1         |
| NO    | 18   | 4      | 60  | 56   | 10     | 0   | 36   | 6         | 1   | 110         | 20     | <b>61</b> |
| NR    | 29   | 8      | 47  | 8    | 0      | 0   | 46   | 10        | 22  | 83          | 18     | 69        |
| NW    | 20   | 5      | 5   | 2    | 0      | 0   | 10   | 1         | 1   | <b>32</b>   | 6      | 6         |
| RM    | 60   | 9      | 27  | 14   | 0      | 1   | 93   | 11        | 3   | 167         | 20     | 31        |
| SA    | 35   | 1      | 1   | 21   | 1      | 3   | 76   | 13        | 4   | 132         | 15     | 8         |
| SO    | 63   | 7      | 107 | 46   | 1      | 29  | 43   | 13        | 50  | 152         | 21     | 186       |
| SW    | 54   | 3      | 13  | 4    | 0      | 1   | 33   | 4         | 2   | 91          | 7      | 16        |
| Other | 0    | 0      | 0   | 0    | 0      | 0   | 0    | 0         | 0   | 0           | 0      | 0         |
| CN    | 10   | 0      | 0   | 0    | 0      | 0   | 0    | 0         | 0   | 10          | 0      | 0         |

#### **Engine and Tactical Water Tender Mobilizations**

The NICC processed 1,467 engine requests in 2016. Of these requests, 1,190 were filled, 174 were canceled and 103 were UTF. There were 53 requests placed to NICC for tactical water tenders, of which 37 were filled, 13 canceled, and three UTF.





## **Engine Summary by Requesting Agency**

|        |      | Type - 1 |     |      | Type - 2 |     |      | Type - 3 |           |      | Type - 4 |     |      | Type - 5 |     |
|--------|------|----------|-----|------|----------|-----|------|----------|-----------|------|----------|-----|------|----------|-----|
| Agency | Fill | Cancel   | UTF | Fill | Cancel   | UTF | Fill | Cancel   | UTF       | Fill | Cancel   | UTF | Fill | Cancel   | UTF |
| BIA    | 0    | 0        | 0   | 0    | 0        | 0   | 1    | 0        | 0         | 0    | 0        | 0   | 0    | 0        | 0   |
| BLM    | 0    | 0        | 0   | 0    | 0        | 0   | 46   | 8        | 10        | 27   | 5        | 2   | 1    | 0        | 0   |
| DOD    | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0         | 0    | 0        | 0   | 0    | 0        | 0   |
| FEMA   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0         | 0    | 0        | 0   | 0    | 0        | 0   |
| FS     | 0    | 0        | 0   | 0    | 0        | 0   | 341  | 58       | 43        | 55   | 2        | 4   | 4    | 2        | 0   |
| FWS    | 1    | 0        | 0   | 0    | 0        | 0   | 6    | 0        | 0         | 1    | 0        | 0   | 0    | 0        | 0   |
| NPS    | 0    | 0        | 0   | 0    | 0        | 0   | 10   | 0        | 0         | 2    | 0        | 0   | 0    | 0        | 0   |
| ST     | 0    | 5        | 0   | 0    | 0        | 0   | 50   | 25       | 5         | 0    | 0        | 0   | 1    | 0        | 0   |
| Other  | 0    | 0        | 0   | 0    | 0        | 0   | 30   | 0        | 0         | 2    | 0        | 0   | 0    | 0        | 0   |
| Total  | 1    | 5        | 0   | 0    | 0        | 0   | 484  | 91       | <b>58</b> | 87   | 7        | 6   | 6    | 2        | 0   |
| Total  |      | 6        | •   |      | 0        |     |      | 633      |           | •    | 100      |     |      | 8        |     |

|        |      | Type - 6 |     |      | Type - 7 | •   |      | Other  |     | Tac  | tical Water Te | ender | Engi  | ne/TWT T | otal      |
|--------|------|----------|-----|------|----------|-----|------|--------|-----|------|----------------|-------|-------|----------|-----------|
| Agency | Fill | Cancel   | UTF | Fill | Cancel   | UTF | Fill | Cancel | UTF | Fill | Cancel         | UTF   | Fill  | Cancel   | UTF       |
| BIA    | 65   | 1        | 5   | 2    | 0        | 0   | 0    | 0      | 0   | 0    | 0              | 0     | 68    | 1        | 5         |
| BLM    | 35   | 2        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 8    | 1              | 0     | 117   | 16       | 12        |
| DOD    | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 0    | 0              | 0     | 0     | 0        | 0         |
| FEMA   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 0    | 0              | 0     | 0     | 0        | 0         |
| FS     | 371  | 61       | 21  | 0    | 2        | 1   | 0    | 0      | 0   | 18   | 9              | 3     | 789   | 134      | <b>72</b> |
| FWS    | 6    | 0        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 2    | 0              | 0     | 16    | 0        | 0         |
| NPS    | 15   | 2        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 2    | 0              | 0     | 29    | 2        | 0         |
| ST     | 117  | 1        | 12  | 0    | 0        | 0   | 0    | 0      | 0   | 0    | 0              | 0     | 168   | 31       | 17        |
| Other  | 1    | 0        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 7    | 3              | 0     | 40    | 3        | 0         |
| Total  | 610  | 67       | 38  | 2    | 2        | 1   | 0    | 0      | 0   | 37   | 13             | 3     | 1,227 | 187      | 106       |
| Total  |      | 715      | ·   |      | 5        |     |      | 0      |     |      | 53             | ·     |       | 1,520    |           |

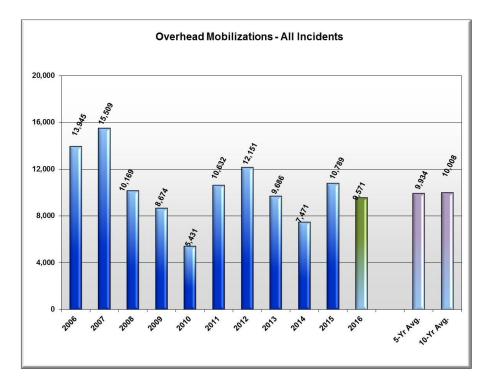
### **Engine Summary by Requesting Geographic Area**

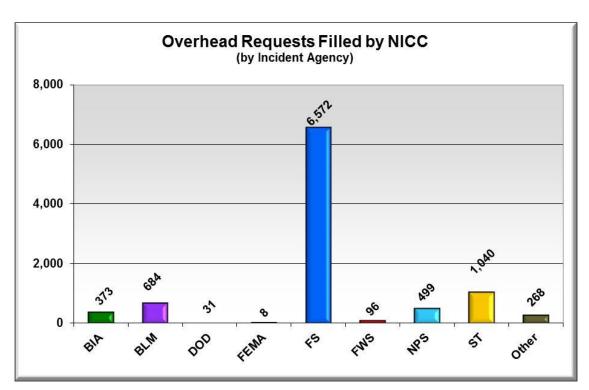
|      |      | Type - 1 |     |      | Type - 2 |     |      | Type - 3 |     |      | Type - 4 | 4   |      | Type - 5 |     |
|------|------|----------|-----|------|----------|-----|------|----------|-----|------|----------|-----|------|----------|-----|
| GACC | Fill | Cancel   | UTF |
| AK   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   |
| EA   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   |
| GB   | 0    | 0        | 0   | 0    | 0        | 0   | 86   | 9        | 15  | 46   | 3        | 0   | 4    | 2        | 0   |
| NIFC | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   |
| NO   | 0    | 0        | 0   | 0    | 0        | 0   | 109  | 21       | 2   | 3    | 0        | 4   | 0    | 0        | 0   |
| NR   | 0    | 0        | 0   | 0    | 0        | 0   | 7    | 1        | 0   | 0    | 0        | 0   | 0    | 0        | 0   |
| NW   | 0    | 0        | 0   | 0    | 0        | 0   | 17   | 0        | 11  | 1    | 1        | 1   | 0    | 0        | 0   |
| RM   | 0    | 5        | 0   | 0    | 0        | 0   | 58   | 6        | 0   | 16   | 3        | 1   | 1    | 0        | 0   |
| SA   | 0    | 0        | 0   | 0    | 0        | 0   | 78   | 3        | 26  | 10   | 0        | 0   | 1    | 0        | 0   |
| SO   | 0    | 0        | 0   | 0    | 0        | 0   | 108  | 45       | 3   | 2    | 0        | 0   | 0    | 0        | 0   |
| SW   | 1    | 0        | 0   | 0    | 0        | 0   | 21   | 6        | 1   | 9    | 0        | 0   | 0    | 0        | 0   |
| CN   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0        | 0   |

|      |      | Type - 6 |     |      | Type - 7 |     |      | Other  |     | Water Tender |        |     |  |
|------|------|----------|-----|------|----------|-----|------|--------|-----|--------------|--------|-----|--|
| GACC | Fill | Cancel   | UTF | Fill | Cancel   | UTF | Fill | Cancel | UTF | Fill         | Cancel | UTF |  |
| AK   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 0            | 0      | 0   |  |
| EA   | 30   | 3        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 2            | 0      | 0   |  |
| GB   | 47   | 9        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 7            | 3      | 0   |  |
| NIFC | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 0            | 0      | 0   |  |
| NO   | 1    | 0        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 0            | 0      | 0   |  |
| NR   | 40   | 2        | 4   | 1    | 0        | 0   | 0    | 0      | 0   | 0            | 0      | 0   |  |
| NW   | 13   | 1        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 0            | 0      | 0   |  |
| RM   | 73   | 10       | 4   | 1    | 0        | 0   | 0    | 0      | 0   | 16           | 4      | 0   |  |
| SA   | 263  | 22       | 17  | 0    | 2        | 0   | 0    | 0      | 0   | 6            | 3      | 3   |  |
| SO   | 57   | 8        | 12  | 0    | 0        | 1   | 0    | 0      | 0   | 0            | 0      | 0   |  |
| SW   | 86   | 12       | 1   | 0    | 0        | 0   | 0    | 0      | 0   | 6            | 3      | 0   |  |
| CN   | 0    | 0        | 0   | 0    | 0        | 0   | 0    | 0      | 0   | 0            | 0      | 0   |  |

#### **Overhead Mobilizations**

A total of 12,054 requests for overhead positions were processed by NICC in 2016. Of these requests, 9,571 were filled, 1,143 were canceled and 1,340 were UTF. The chart below shows total overhead requests filled annually through NICC.





## **Overhead Requests Summary by Requesting Agency and GACC**

| Agency | Fill  | Cancel | UTF   |
|--------|-------|--------|-------|
| BIA    | 373   | 63     | 40    |
| BLM    | 684   | 109    | 76    |
| DOD    | 31    | 23     | 8     |
| FEMA   | 8     | 0      | 0     |
| FS     | 6,572 | 678    | 963   |
| FWS    | 96    | 15     | 5     |
| NPS    | 499   | 65     | 74    |
| ST     | 1,040 | 145    | 137   |
| Other  | 268   | 45     | 37    |
| Total  | 9,571 | 1,143  | 1,340 |
| Total  |       | 12,054 |       |

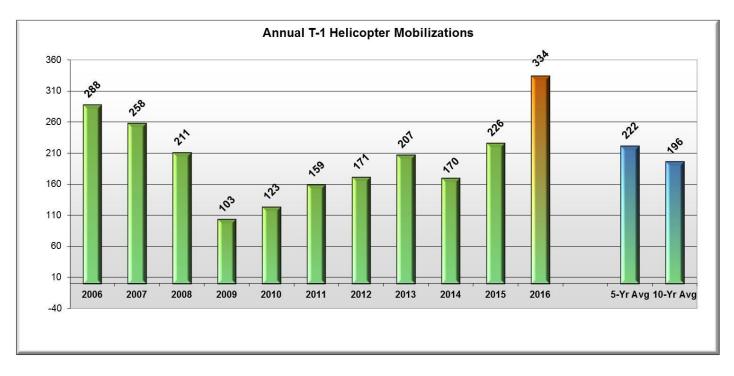
| GACC  | Fill  | Cancel | UTF |
|-------|-------|--------|-----|
| AK    | 90    | 4      | 29  |
| EA    | 236   | 30     | 16  |
| GB    | 1,663 | 189    | 268 |
| NIFC  | 53    | 3      | 0   |
| NO    | 452   | 45     | 115 |
| NR    | 632   | 51     | 108 |
| NW    | 568   | 140    | 92  |
| RM    | 1,281 | 136    | 130 |
| SA    | 2,030 | 178    | 154 |
| SO    | 1,582 | 264    | 324 |
| SW    | 982   | 103    | 104 |
| Other | 0     | 0      | 0   |
| CN    | 2     | 0      | 0   |

#### **Helicopter Mobilizations**

A total of 797 Type 1, 2 and 3 helicopter requests were processed by NICC in 2016: 697 were filled, 42 were canceled and 58 were UTF. Of the 375 Type 1 helicopter requests placed to NICC: 334 were filled, 18 were canceled and 23 were UTF. Of the 300 requests placed to NICC for Type 2 helicopters: 267 were filled, 17 canceled and 16 were UTF. Of the 122 requests placed to NICC for Type 3 helicopters: 96 were filled, 7 canceled and 19 were UTF.

**Type 1 Helicopter Summary** 

|        | CWN Type 1L | Type 1 EXC | Ту  | oe 1L  |
|--------|-------------|------------|-----|--------|
| Agency | Fill        | Fill       | UTF | Cancel |
| BIA    | 5           | 2          | 1   | 0      |
| BLM    | 8           | 13         | 1   | 3      |
| DOD    | 1           | 1          | 0   | 0      |
| FEMA   | 0           | 0          | 0   | 0      |
| FS     | 119         | 93         | 18  | 13     |
| FWS    | 0           | 0          | 0   | 0      |
| NPS    | 10          | 3          | 0   | 1      |
| ST     | 55          | 16         | 0   | 1      |
| Other  | 4           | 4          | 3   | 0      |
| Total  | 202         | 132        | 23  | 18     |
| Total  | 33          | 4          |     | 41     |

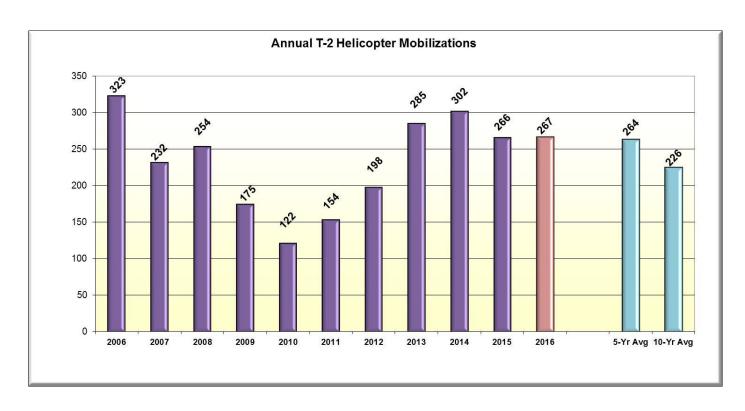


**Type 2 Helicopter Summary** 

|        | CWN Type 2S | CWN Type 2L | Type 2 EXC | Ту  | /pe 2S | Ту  | pe 2L  |
|--------|-------------|-------------|------------|-----|--------|-----|--------|
| Agency | Fill        | Fill        | Fill       | UTF | Cancel | UTF | Cancel |
| BIA    | 1           | 6           | 2          | 0   | 0      | 0   | 0      |
| BLM    | 7           | 5           | 8          | 1   | 1      | 0   | 0      |
| DOD    | 0           | 0           | 0          | 0   | 0      | 0   | 0      |
| FEMA   | 0           | 0           | 0          | 0   | 0      | 0   | 0      |
| FS     | 16          | 55          | 52         | 7   | 12     | 6   | 2      |
| FWS    | 0           | 1           | 1          | 0   | 0      | 0   | 0      |
| NPS    | 1           | 2           | 5          | 0   | 0      | 0   | 0      |
| ST     | 29          | 48          | 20         | 2   | 0      | 0   | 0      |
| Other  | 0           | 6           | 2          | 0   | 0      | 0   | 2      |
| Total  | 54          | 123         | 90         | 10  | 13     | 6   | 4      |
| Total  |             | 267         |            |     | 23     |     | 10     |

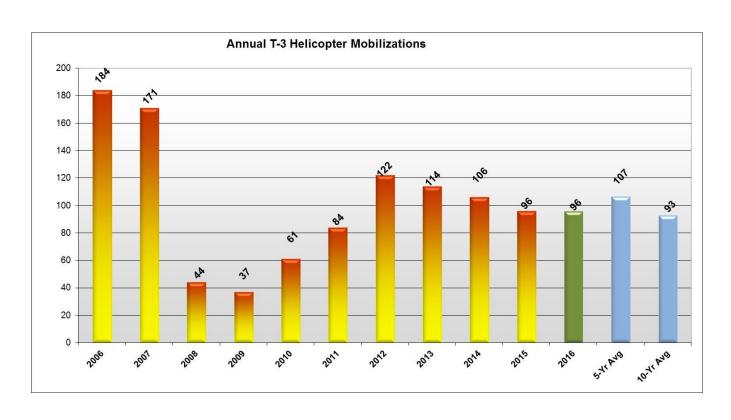
S – Standard Use

L – Limited Use



**Type 3 Helicopter Summary** 

|        | CWN<br>Type 3 | Type 3<br>EXC | Ту  | /pe 3  | Helicopter Total |        |     | Total All |
|--------|---------------|---------------|-----|--------|------------------|--------|-----|-----------|
| Agency | Fill          | Fill          | UTF | Cancel | Fill             | Cancel | UTF | Requests  |
| BIA    | 8             | 1             | 0   | 2      | 25               | 2      | 1   | 28        |
| BLM    | 4             | 4             | 1   | 0      | 49               | 4      | 3   | <b>56</b> |
| DOD    | 0             | 0             | 0   | 0      | 2                | 0      | 0   | 2         |
| FEMA   | 0             | 0             | 0   | 0      | 0                | 0      | 0   | 0         |
| FS     | 46            | 19            | 13  | 4      | 400              | 31     | 44  | 475       |
| FWS    | 1             | 0             | 0   | 0      | 3                | 0      | 0   | 3         |
| NPS    | 6             | 0             | 3   | 0      | 27               | 1      | 3   | 31        |
| ST     | 5             | 2             | 2   | 1      | 175              | 2      | 4   | 181       |
| Other  | 0             | 0             | 0   | 0      | 16               | 2      | 3   | 21        |
| Total  | 70            | 26            | 19  | 7      | 697              | 42     | 58  | 797       |
| Total  | 9             | 6             |     | 26     |                  |        |     |           |



## **Helicopter Summary by Requesting Geographic Area**

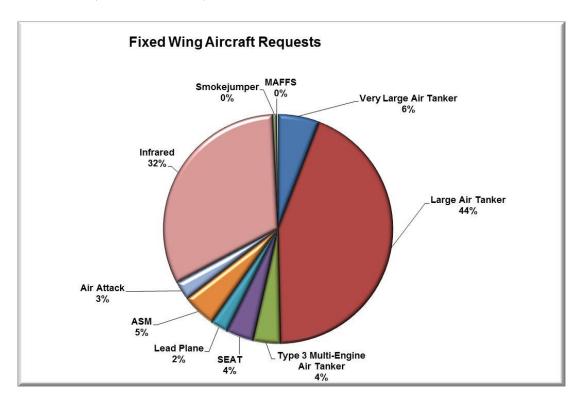
|       | Type 1L<br>CWN | Type 1<br>EXC | Тур | e 1L   |
|-------|----------------|---------------|-----|--------|
| GACC  | Fill           | Fill          | UTF | Cancel |
| AK    | 1              | 0             | 0   | 0      |
| EA    | 2              | 1             | 0   | 0      |
| GB    | 23             | 19            | 5   | 4      |
| NIFC  | 1              | 0             | 0   | 0      |
| NO    | 45             | 13            | 1   | 0      |
| NR    | 15             | 17            | 3   | 1      |
| NW    | 25             | 12            | 3   | 2      |
| RM    | 16             | 23            | 4   | 5      |
| SA    | 24             | 16            | 0   | 0      |
| SO    | 47             | 17            | 7   | 4      |
| SW    | 3              | 14            | 0   | 2      |
| Other | 0              | 0             | 0   | 0      |
| CN    | 0              | 0             | 0   | 0      |

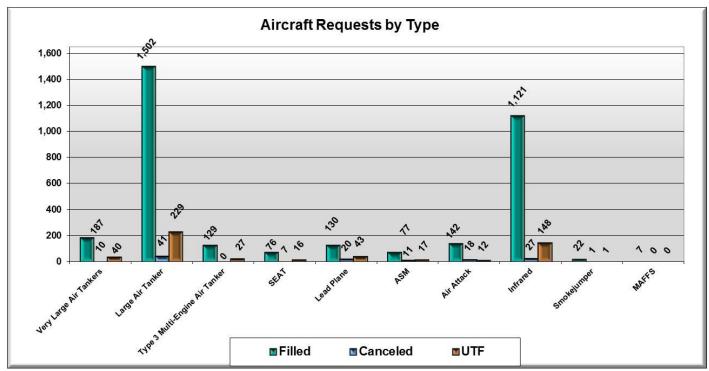
|       | Type 2S<br>CWN | Type 2L<br>CWN | Type 2<br>EXC | Тур | e 2S   | Type 2L |        |  |
|-------|----------------|----------------|---------------|-----|--------|---------|--------|--|
| GACC  | Fill           | Fill           | Fill          | UTF | Cancel | UTF     | Cancel |  |
| AK    | 0              | 0              | 0             | 0   | 0      | 0       | 0      |  |
| EA    | 2              | 0              | 1             | 0   | 0      | 0       | 0      |  |
| GB    | 0              | 1              | 15            | 2   | 0      | 0       | 0      |  |
| NIFC  | 0              | 0              | 1             | 0   | 0      | 0       | 0      |  |
| NO    | 30             | 27             | 18            | 2   | 2      | 1       | 1      |  |
| NR    | 1              | 37             | 2             | 1   | 1      | 1       | 1      |  |
| NW    | 7              | 25             | 5             | 1   | 3      | 4       | 0      |  |
| RM    | 2              | 6              | 7             | 1   | 2      | 0       | 2      |  |
| SA    | 0              | 5              | 22            | 0   | 0      | 0       | 0      |  |
| SO    | 12             | 21             | 10            | 3   | 3      | 0       | 0      |  |
| SW    | 0              | 1              | 9             | 0   | 2      | 0       | 0      |  |
| Other | 0              | 0              | 0             | 0   | 0      | 0       | 0      |  |
| CN    | 0              | 0              | 0             | 0   | 0      | 0       | 0      |  |

|       | Type 3<br>CWN | Type 3<br>EXC | Type 3 |        |  |
|-------|---------------|---------------|--------|--------|--|
| GACC  | Fill          | Fill          | UTF    | Cancel |  |
| AK    | 0             | 0             | 0      | 0      |  |
| EA    | 2             | 0             | 0      | 0      |  |
| GB    | 16            | 10            | 7      | 0      |  |
| NIFC  | 0             | 0             | 0      | 0      |  |
| NO    | 9             | 0             | 3      | 2      |  |
| NR    | 5             | 1             | 4      | 3      |  |
| NW    | 15            | 3             | 1      | 1      |  |
| RM    | 13            | 4             | 3      | 0      |  |
| SA    | 0             | 1             | 0      | 0      |  |
| SO    | 0             | 3             | 0      | 1      |  |
| SW    | 10            | 4             | 1      | 0      |  |
| Other | 0             | 0             | 0      | 0      |  |
| CN    | 0             | 0             | 0      | 0      |  |

#### **Fixed Wing Aircraft Mobilizations**

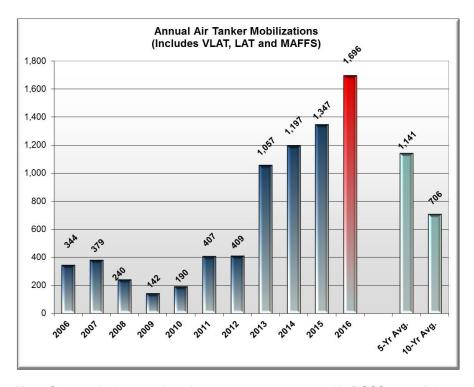
The categories for fixed wing aircraft requests include: heavy air tankers, multi engine airtanker (CL-215/415), single engine air tankers (SEAT), lead planes, aerial supervision modules (ASM), air attack, infrared, and smokejumper aircraft. A total of 3,668 fixed wing requests were received at NICC: 3,077 were filled, 125 were canceled and 466 were UTF.





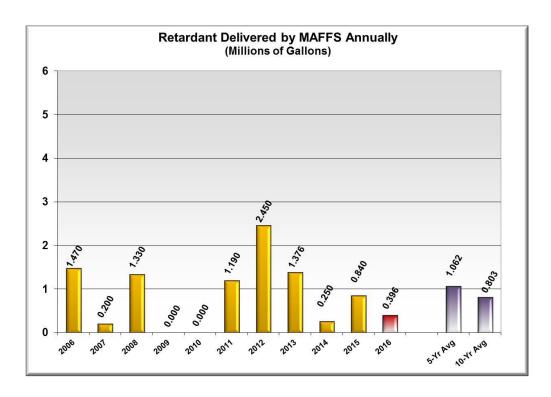
#### **Air Tanker Mobilizations**

A total of 2,016 Type 1 and 2 heavy air tanker requests (civilian and military MAFFS) were processed by NICC in 2016. Of that total, 1,689 (civilian) and 7 (MAFFS) requests were filled, 51 were canceled and 269 were UTF.



Note: Changes in the way air tanker requests are processed in ROSS, as well the number of air tankers available for fire suppression account for much of the increase from 2013 - 2016.

#### **Modular Airborne Fire Fighting Systems (MAFFS)**



### **Fixed Wing Aircraft Summary by Requesting Agency**

|        | Ve   | ry Large | Air |       |           |     |      |        |     | Ту    | pe 3 Mul  | ti-  |           |        |     |      |           |     |
|--------|------|----------|-----|-------|-----------|-----|------|--------|-----|-------|-----------|------|-----------|--------|-----|------|-----------|-----|
|        | Tai  | nker (VL | AT) | Large | e Air Tan | ker |      | MAFFS  |     | Engir | ne Air Ta | nker |           | SEAT   |     | L    | _ead Plan | е   |
| Agency | Fill | Cancel   | UTF | Fill  | Cancel    | UTF | Fill | Cancel | UTF | Fill  | Cancel    | UTF  | Fill      | Cancel | UTF | Fill | Cancel    | UTF |
| BIA    | 11   | 0        | 0   | 66    | 1         | 5   | 0    | 0      | 0   | 1     | 0         | 0    | 3         | 2      | 4   | 2    | 0         | 0   |
| BLM    | 23   | 2        | 10  | 182   | 9         | 29  | 2    | 0      | 0   | 8     | 0         | 0    | 20        | 2      | 0   | 10   | 6         | 12  |
| DOD    | 7    | 0        | 1   | 31    | 1         | 1   | 0    | 0      | 0   | 0     | 0         | 0    | 0         | 0      | 0   | 1    | 0         | 0   |
| FEMA   | 0    | 0        | 0   | 0     | 0         | 0   | 0    | 0      | 0   | 0     | 0         | 0    | 0         | 0      | 0   | 0    | 0         | 0   |
| FS     | 87   | 3        | 16  | 703   | 21        | 151 | 3    | 0      | 0   | 88    | 0         | 13   | 32        | 2      | 11  | 94   | 12        | 20  |
| FWS    | 0    | 0        | 0   | 1     | 0         | 0   | 0    | 0      | 0   | 1     | 0         | 0    | 0         | 0      | 0   | 0    | 0         | 0   |
| NPS    | 1    | 1        | 1   | 15    | 1         | 3   | 2    | 0      | 0   | 0     | 0         | 6    | 1         | 1      | 0   | 2    | 0         | 0   |
| ST     | 48   | 4        | 10  | 400   | 7         | 25  | 0    | 0      | 0   | 23    | 0         | 2    | 16        | 0      | 1   | 11   | 2         | 5   |
| Other  | 10   | 0        | 2   | 104   | 1         | 15  | 0    | 0      | 0   | 8     | 0         | 6    | 4         | 0      | 0   | 10   | 0         | 6   |
| Total  | 187  | 10       | 40  | 1,502 | 41        | 229 | 7    | 0      | 0   | 129   | 0         | 27   | <b>76</b> | 7      | 16  | 130  | 20        | 43  |
| Total  |      | 237      |     |       | 1,772     |     |      | 7      |     | ·     | 156       | ·    |           | 99     |     |      | 193       |     |

|        |      | ASM    |     |      | Air Attac | k   |       | Infrared |     | S  | MJ Aircr | aft | Ai    | rcraft Tot | tal | Total    |
|--------|------|--------|-----|------|-----------|-----|-------|----------|-----|----|----------|-----|-------|------------|-----|----------|
| Agency | Fill | Cancel | UTF | Fill | Cancel    | UTF | Fill  | Cancel   | UTF | Ε  | Cancel   | UTF | Fill  | Cancel     | UTF | Requests |
| BIA    | 2    | 0      | 0   | 2    | 1         | 0   | 18    | 0        | 2   | 0  | 0        | 0   | 93    | 4          | 11  | 108      |
| BLM    | 7    | 1      | 2   | 17   | 2         | 1   | 45    | 3        | 2   | 2  | 0        | 0   | 285   | 23         | 46  | 354      |
| DOD    | 0    | 0      | 0   | 0    | 0         | 0   | 8     | 1        | 0   | 0  | 0        | 0   | 40    | 2          | 1   | 43       |
| FEMA   | 0    | 0      | 0   | 0    | 0         | 0   | 0     | 0        | 0   | 0  | 0        | 0   | 0     | 0          | 0   | 0        |
| FS     | 60   | 10     | 14  | 95   | 13        | 10  | 726   | 16       | 104 | 20 | 1        | 1   | 1,733 | <b>75</b>  | 311 | 2,119    |
| FWS    | 0    | 0      | 0   | 0    | 0         | 0   | 0     | 0        | 0   | 0  | 0        | 0   | 1     | 0          | 0   | 1        |
| NPS    | 0    | 0      | 0   | 6    | 0         | 0   | 84    | 0        | 23  | 0  | 0        | 0   | 110   | 2          | 26  | 138      |
| ST     | 5    | 0      | 1   | 16   | 1         | 0   | 201   | 7        | 12  | 0  | 0        | 0   | 649   | 17         | 44  | 710      |
| Other  | 3    | 0      | 0   | 6    | 1         | 1   | 39    | 0        | 5   | 0  | 0        | 0   | 166   | 2          | 27  | 195      |
| Total  | 77   | 11     | 17  | 142  | 18        | 12  | 1,121 | 27       | 148 | 22 | 1        | 1   | 3,077 | 125        | 466 | 3,668    |
| Total  |      | 105    |     |      | 172       |     |       | 1,296    |     |    | 24       |     |       | 3,668      |     |          |

### Fixed Wing Aircraft Summary by Requesting Geographic Area

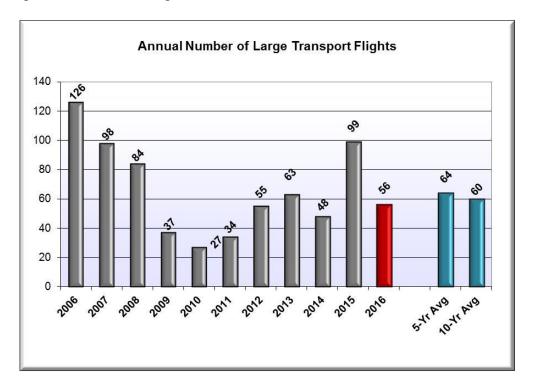
|        | Very Large Air |          |     |       |           |     |      |        | Ту  | pe 3 Mul | ti-       |      |      |        |     |      |           |     |
|--------|----------------|----------|-----|-------|-----------|-----|------|--------|-----|----------|-----------|------|------|--------|-----|------|-----------|-----|
|        | Tai            | nker (VL | AT) | Large | e Air Tan | ker |      | MAFFS  |     | Engi     | ne Air Ta | nker |      | SEAT   |     | L    | _ead Plan | е   |
| Agency | Fill           | Cancel   | UTF | Fill  | Cancel    | UTF | Fill | Cancel | UTF | Fill     | Cancel    | UTF  | Fill | Cancel | UTF | Fill | Cancel    | UTF |
| AK     | 0              | 0        | 0   | 0     | 0         | 0   | 0    | 0      | 0   | 2        | 0         | 0    | 0    | 0      | 0   | 0    | 1         | 0   |
| EA     | 0              | 0        | 0   | 15    | 0         | 0   | 0    | 0      | 0   | 11       | 0         | 0    | 0    | 0      | 0   | 5    | 1         | 1   |
| GB     | 25             | 3        | 17  | 244   | 11        | 46  | 5    | 0      | 0   | 20       | 0         | 13   | 19   | 0      | 7   | 32   | 8         | 13  |
| NIFC   | 0              | 0        | 0   | 5     | 0         | 0   | 0    | 0      | 0   | 0        | 0         | 0    | 0    | 0      | 0   | 0    | 0         | 0   |
| NO     | 17             | 0        | 1   | 139   | 2         | 31  | 0    | 0      | 0   | 13       | 0         | 2    | 2    | 0      | 0   | 6    | 1         | 2   |
| NR     | 1              | 0        | 0   | 98    | 6         | 13  | 2    | 0      | 0   | 0        | 0         | 6    | 19   | 2      | 8   | 13   | 0         | 9   |
| NW     | 5              | 1        | 4   | 102   | 2         | 16  | 0    | 0      | 0   | 10       | 0         | 2    | 14   | 1      | 0   | 12   | 2         | 1   |
| RM     | 11             | 3        | 6   | 152   | 7         | 43  | 0    | 0      | 0   | 10       | 0         | 2    | 9    | 3      | 1   | 25   | 4         | 7   |
| SA     | 1              | 0        | 0   | 92    | 1         | 5   | 0    | 0      | 0   | 34       | 0         | 0    | 3    | 0      | 0   | 3    | 0         | 1   |
| SO     | 101            | 1        | 11  | 501   | 8         | 65  | 0    | 0      | 0   | 29       | 0         | 2    | 5    | 1      | 0   | 16   | 2         | 5   |
| SW     | 26             | 2        | 1   | 152   | 4         | 10  | 0    | 0      | 0   | 0        | 0         | 0    | 5    | 0      | 0   | 16   | 1         | 4   |
| Other  | 0              | 0        | 0   | 0     | 0         | 0   | 0    | 0      | 0   | 0        | 0         | 0    | 0    | 0      | 0   | 0    | 0         | 0   |
| Canada | 0              | 0        | 0   | 2     | 0         | 0   | 0    | 0      | 0   | 0        | 0         | 0    | 0    | 0      | 0   | 2    | 0         | 0   |

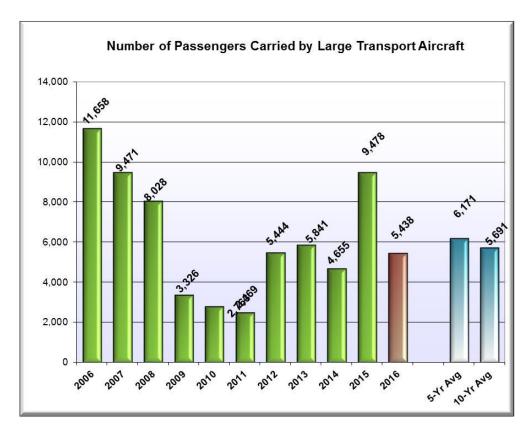
|        |      | ASM    |     |      | Air Attack | (   |      | Infrared |     | S    | MJ Aircra | aft | A    | ircraft Total |           | Total    |
|--------|------|--------|-----|------|------------|-----|------|----------|-----|------|-----------|-----|------|---------------|-----------|----------|
| GACC   | Fill | Cancel | UTF | Fill | Cancel     | UTF | Fill | Cancel   | UTF | Fill | Cancel    | UTF | Fill | Cancel        | UTF       | Requests |
| AK     | 0    | 0      | 0   | 0    | 0          | 0   | 0    | 0        | 0   | 0    | 0         | 0   | 2    | 1             | 0         | 3        |
| EA     | 0    | 0      | 1   | 8    | 2          | 0   | 0    | 0        | 0   | 0    | 0         | 0   | 39   | 3             | 2         | 44       |
| GB     | 19   | 2      | 0   | 25   | 5          | 1   | 304  | 3        | 35  | 6    | 0         | 0   | 370  | 26            | 80        | 476      |
| NIFC   | 3    | 0      | 0   | 0    | 0          | 0   | 0    | 0        | 0   | 0    | 0         | 0   | 8    | 0             | 0         | 8        |
| NO     | 2    | 0      | 0   | 6    | 3          | 1   | 85   | 5        | 9   | 9    | 0         | 0   | 177  | 6             | 36        | 219      |
| NR     | 7    | 1      | 1   | 12   | 2          | 1   | 139  | 4        | 44  | 1    | 0         | 0   | 152  | 11            | 38        | 201      |
| NW     | 1    | 0      | 1   | 15   | 3          | 1   | 83   | 3        | 12  | 1    | 0         | 0   | 155  | 8             | 21        | 184      |
| RM     | 12   | 1      | 2   | 42   | 2          | 2   | 150  | 3        | 31  | 2    | 1         | 0   | 252  | 18            | <b>57</b> | 327      |
| SA     | 1    | 0      | 0   | 17   | 0          | 0   | 1    | 0        | 0   | 0    | 0         | 0   | 150  | 1             | 6         | 157      |
| SO     | 24   | 3      | 8   | 7    | 1          | 1   | 260  | 8        | 12  | 0    | 0         | 1   | 582  | 15            | 82        | 679      |
| SW     | 8    | 4      | 4   | 10   | 0          | 5   | 99   | 1        | 5   | 3    | 0         | 0   | 194  | 9             | 23        | 226      |
| Other  | 0    | 0      | 0   | 0    | 0          | 0   | 0    | 0        | 0   | 0    | 0         | 0   | 0    | 0             | 0         | 0        |
| Canada | 0    | 0      | 0   | 0    | 0          | 0   | 0    | 0        | 0   | 0    | 0         | 0   | 4    | 0             | 0         | 4        |

50

### **Large Transportation Aircraft**

In 2016 there was one exclusive use contract for large transportation aircraft. The contract was filled with a B737-200 jet aircraft. The exclusive use jet flew 55 times. There was also one additional large aircraft charter flight.





# Exclusive Use and Charter Large Transport Summary by Requesting Agency and Geographic Area

| Agonov | Exclusiv | ve Use | Charte  | r   |
|--------|----------|--------|---------|-----|
| Agency | Flights  | Pax    | Flights | Pax |
| BIA    | 0        | 0      | 0       | 0   |
| BLM    | 1        | 100    | 0       | 0   |
| DOD    | 0        | 0      | 0       | 0   |
| FEMA   | 0        | 0      | 0       | 0   |
| FS     | 46       | 4,478  | 1       | 100 |
| FWS    | 0        | 0      | 0       | 0   |
| NPS    | 3        | 300    | 0       | 0   |
| ST     | 5        | 460    | 0       | 0   |
| Other  | 0        | 0      | 0       | 0   |
| Total  | 55       | 5,338  | 1       | 100 |

| GACC  | Exclusiv | ve Use | Charte  | r   |
|-------|----------|--------|---------|-----|
| GACC  | Flights  | Pax    | Flights | Pax |
| AK    | 1        | 100    | 0       | 0   |
| EA    | 0        | 0      | 0       | 0   |
| GB    | 14       | 1,318  | 0       | 0   |
| NIFC  | 0        | 0      | 0       | 0   |
| NO    | 0        | 0      | 0       | 0   |
| NR    | 4        | 400    | 0       | 0   |
| NW    | 0        | 0      | 0       | 0   |
| RM    | 3        | 300    | 0       | 0   |
| SA    | 28       | 2720   | 1       | 100 |
| SO    | 3        | 300    | 0       | 0   |
| SW    | 2        | 200    | 0       | 0   |
| Other | 0        | 0      | 0       | 0   |
| CN    | 0        | 0      | 0       | 0   |
| Total | 55       | 5,338  | 1       | 100 |

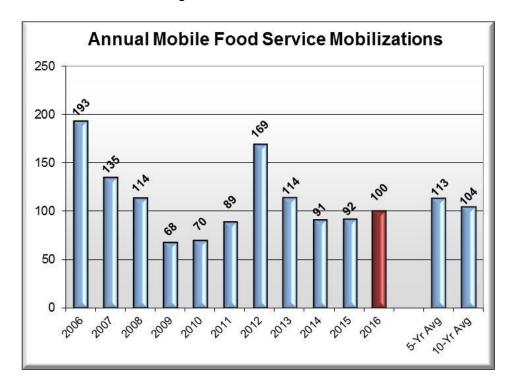
# **Light Cargo and Passenger Flights by Requesting Agency and Geographic Area**

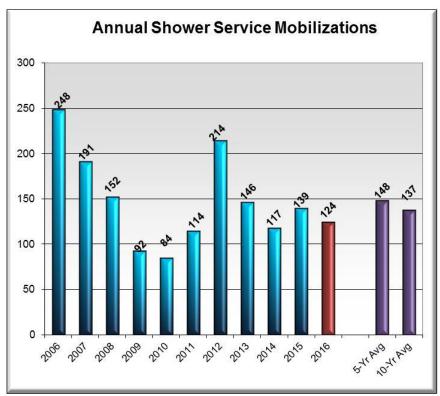
| Agency | Cargo<br>Flights | Cargo<br>Weight | Pax<br>Flights | Pax |
|--------|------------------|-----------------|----------------|-----|
| BIA    | 0                | 0               | 0              | 0   |
| BLM    | 2                | 205             | 1              | 1   |
| DOD    | 0                | 0               | 0              | 0   |
| FEMA   | 0                | 0               | 0              | 0   |
| FS     | 4                | 936             | 1              | 1   |
| FWS    | 0                | 0               | 0              | 0   |
| NPS    | 0                | 0               | 0              | 0   |
| ST     | 1                | 1770            | 0              | 0   |
| Other  | 0                | 0               | 0              | 0   |
| Total  | 7                | 2,911           | 2              | 2   |

| GACC  | Cargo<br>Flights | Cargo<br>Weight | Pax<br>Flights | Pax |
|-------|------------------|-----------------|----------------|-----|
| AK    | 0                | 0               | 0              | 0   |
| EA    | 0                | 0               | 0              | 0   |
| GB    | 0                | 0               | 0              | 0   |
| NIFC  | 0                | 0               | 0              | 0   |
| NO    | 0                | 0               | 0              | 0   |
| NR    | 0                | 0               | 0              | 0   |
| NW    | 2                | 1770            | 0              | 0   |
| RM    | 1                | 95              | 0              | 0   |
| SA    | 0                | 0               | 0              | 0   |
| SO    | 3                | 656             | 1              | 1   |
| SW    | 1                | 390             | 1              | 1   |
| Other | 0                | 0               | 0              | 0   |
| CN    | 0                | 0               | 0              | 0   |
| Total | 7                | 2,911           | 2              | 2   |

#### **Equipment Services Mobilization**

A total of 108 requests for mobile food services were processed at NICC: Of these 100 were filled, six were canceled and two were UTF. A total of 134 shower units were requested: Of these 124 were filled, two were canceled and eight were UTF.





### **Equipment Services by Requesting Agency**

|        |      | Mobile Food |     |      | Showers |     | Total |        |     |  |
|--------|------|-------------|-----|------|---------|-----|-------|--------|-----|--|
| Agency | Fill | Cancel      | UTF | Fill | Cancel  | UTF | Fill  | Cancel | UTF |  |
| BIA    | 6    | 0           | 0   | 6    | 0       | 0   | 12    | 0      | 0   |  |
| BLM    | 12   | 3           | 0   | 13   | 1       | 0   | 25    | 4      | 0   |  |
| DOD    | 2    | 0           | 0   | 3    | 0       | 0   | 5     | 0      | 0   |  |
| FEMA   | 0    | 0           | 0   | 0    | 0       | 0   | 0     | 0      | 0   |  |
| FS     | 52   | 3           | 2   | 73   | 1       | 7   | 125   | 4      | 9   |  |
| FWS    | 0    | 0           | 0   | 8    | 0       | 0   | 8     | 0      | 0   |  |
| NPS    | 8    | 0           | 0   | 14   | 0       | 0   | 22    | 0      | 0   |  |
| ST     | 13   | 0           | 0   | 7    | 0       | 1   | 20    | 0      | 1   |  |
| Other  | 7    | 0           | 0   | 0    | 0       | 0   | 7     | 0      | 0   |  |
| Total  | 100  | 6           | 2   | 124  | 2       | 8   | 224   | 8      | 10  |  |
| Total  |      | 108         |     |      | 134     |     |       | 292    |     |  |

### **Equipment Services by Geographic Area**

|      |      | Mobile Food |     |      | Showers |     |       |
|------|------|-------------|-----|------|---------|-----|-------|
| GACC | Fill | Cancel      | UTF | Fill | Cancel  | UTF | Total |
| AK   | 0    | 0           | 0   | 0    | 0       | 0   | 0     |
| EA   | 0    | 0           | 0   | 0    | 0       | 0   | 0     |
| GB   | 20   | 1           | 0   | 21   | 1       | 3   | 46    |
| NIFC | 0    | 0           | 0   | 0    | 0       | 0   | 0     |
| NO   | 5    | 1           | 0   | 7    | 0       | 0   | 13    |
| NR   | 8    | 0           | 0   | 9    | 0       | 0   | 17    |
| NW   | 12   | 2           | 0   | 14   | 0       | 1   | 29    |
| RM   | 13   | 2           | 0   | 14   | 0       | 0   | 29    |
| SA   | 0    | 0           | 1   | 0    | 0       | 0   | 1     |
| SO   | 27   | 0           | 1   | 40   | 1       | 4   | 73    |
| SW   | 15   | 0           | 0   | 19   | 0       | 0   | 34    |
| CN   | 0    | 0           | 0   | 0    | 0       | 0   | 0     |

### **Radio and Weather Equipment Mobilizations**

A total of 897 requests for radio kits and weather equipment were received at NICC in 2016. Of that total, 866 were filled, 25 were canceled and 6 were UTF.

Radio and Weather Equipment Summary by Requesting Agency

|        |              |        |     |             | <u>, , , , , , , , , , , , , , , , , , , </u> |      |          |        |     |          |        |     |
|--------|--------------|--------|-----|-------------|---|------|----------|--------|-----|----------|--------|-----|
|        | 4390 Starter |        | 43  | 312 Repeate | r   | 4381 | Tactical |        | 5   | 869 IRAW | S      |     |
| Agency | Fill         | Cancel | UTF | Fill        | Cancel  | UTF  | Fill     | Cancel | UTF | Fill     | Cancel | UTF |
| BIA    | 1            | 0      | 0   | 5           | 0   | 1    | 8        | 0      | 0   | 2        | 0      | 0   |
| BLM    | 5            | 0      | 0   | 13          | 0   | 0    | 9        | 0      | 0   | 2        | 0      | 0   |
| DOD    | 1            | 0      | 0   | 1           | 0   | 0    | 2        | 0      | 0   | 0        | 0      | 0   |
| FEMA   | 0            | 0      | 0   | 0           | 0   | 0    | 0        | 0      | 0   | 0        | 0      | 0   |
| FS     | 106          | 6      | 3   | 160         | 1   | 0    | 296      | 1      | 0   | 69       | 8      | 2   |
| FWS    | 0            | 0      | 0   | 0           | 0   | 0    | 1        | 0      | 0   | 0        | 0      | 0   |
| NPS    | 5            | 0      | 0   | 21          | 0   | 0    | 24       | 0      | 0   | 10       | 0      | 0   |
| ST     | 9            | 0      | 0   | 36          | 0   | 0    | 38       | 0      | 0   | 19       | 9      | 0   |
| Other  | 4            | 0      | 0   | 6           | 0   | 0    | 8        | 0      | 0   | 5        | 0      | 0   |
| Total  | 131          | 6      | 3   | 242         | 1   | 1    | 386      | 1      | 0   | 107      | 17     | 2   |
| Total  |              | 132    |     |             | 351   |      |          | 322    |     |          | 90     |     |

|        | Eq        | uipment T | otal | Total Requests |
|--------|-----------|-----------|------|----------------|
| Agency | Fill      | Cancel    | UTF  | Fill           |
| BIA    | 16        | 0         | 1    | 17             |
| BLM    | 29        | 0         | 0    | 29             |
| DOD    | 4         | 0         | 0    | 4              |
| FEMA   | 0         | 0         | 0    | 0              |
| FS     | 631       | 16        | 5    | 652            |
| FWS    | 1         | 0         | 0    | 1              |
| NPS    | 60        | 0         | 0    | 60             |
| ST     | 102       | 9         | 0    | 111            |
| Other  | <b>23</b> | 0         | 0    | 23             |
| Total  | 866       | <b>25</b> | 6    | 897            |
| Total  |           | 897       |      |                |

#### Radio and Weather Equipment Summary by Requesting Geographic Area

|       |      | 4390 Start | er  | 4312 F | Repeater |     | 4381 Tactical |        | 5869 IRAWS |      |        | Total |           |
|-------|------|------------|-----|--------|----------|-----|---------------|--------|------------|------|--------|-------|-----------|
| GACC  | Fill | Cancel     | UTF | Fill   | Cancel   | UTF | Fill          | Cancel | UTF        | Fill | Cancel | UTF   | Requests  |
| AK    | 3    | 1          | 0   | 5      | 0        | 0   | 6             | 0      | 0          | 0    | 0      | 0     | 15        |
| EA    | 9    | 0          | 0   | 12     | 0        | 0   | 30            | 0      | 0          | 0    | 0      | 0     | 51        |
| GB    | 14   | 2          | 0   | 26     | 0        | 0   | 29            | 0      | 0          | 25   | 2      | 0     | 98        |
| NIFC  | 0    | 0          | 0   | 0      | 0        | 0   | 0             | 0      | 0          | 0    | 0      | 0     | 0         |
| NO    | 11   | 1          | 2   | 15     | 0        | 0   | 29            | 0      | 0          | 1    | 0      | 0     | 59        |
| NR    | 8    | 0          | 0   | 13     | 0        | 0   | 30            | 0      | 0          | 11   | 2      | 0     | 64        |
| NW    | 13   | 0          | 0   | 17     | 0        | 0   | 25            | 0      | 0          | 4    | 0      | 0     | <b>59</b> |
| RM    | 19   | 1          | 0   | 24     | 0        | 0   | 38            | 0      | 0          | 19   | 2      | 0     | 103       |
| SA    | 8    | 0          | 1   | 27     | 1        | 0   | 53            | 1      | 0          | 19   | 0      | 0     | 110       |
| SO    | 33   | 1          | 0   | 66     | 0        | 0   | 91            | 0      | 0          | 22   | 11     | 2     | 226       |
| SW    | 13   | 0          | 0   | 37     | 0        | 1   | 55            | 0      | 0          | 6    | 0      | 0     | 112       |
| Other | 0    | 0          | 0   | 0      | 0        | 0   | 0             | 0      | 0          | 0    | 0      | 0     | 0         |
| CN    | 0    | 0          | 0   | 0      | 0        | 0   | 0             | 0      | 0          | 0    | 0      | 0     | 0         |

#### **NICC Benchmarks**

Records set during the year of this report are in **bold**. Military and resource figures constitute what was processed through the National Interagency Coordination Center. Team mobilizations include both wildfire and non-fire incidents.

| Category                               | Record Year | Record     | 2016 Stats |
|--|-------------|------------|------------|
| Wildfires                              | 2006        | 96,385     | 67,743     |
| Wildfire Acres Burned                  | 2015        | 10,125,149 | 5,509,995  |
| Significant Fires                      | 2006        | 1,801      | 1,251      |
| Days at Preparedness Level 4           | 2012        | 45         | 14         |
| Days at Preparedness Level 5           | 2002        | 62         | 0          |
| Type 1 IMT Mobilizations               | 2002        | 85         | 31         |
| Type 2 IMT Mobilizations               | 2000        | 58         | 9          |
| Dept. of Defense Battalions/Task Force | s 1988      | 8          | 0          |
| MAFFS (millions of gallons delivered)  | 1994        | 5.03       | 0.4        |
| Tactical Crew Mobilizations            | 2003        | 1,796      | 1,119      |
| Engine Mobilizations                   | 2007        | 2,267      | 1,190      |
| Overhead Mobilizations                 | 2000        | 17,898     | 9,571      |
| Type 1 Helicopter Mobilizations        | 2016        | 334        | 334        |
| Type 2 Helicopter Mobilizations        | 2006        | 323        | 267        |
| Heavy Air Tankers (includes MAFFS)     | 2016*       | 1,696      | 1,696      |
| Large Transport Flights                | 1994        | 552        | 55         |
| Mobile Food Units                      | 1994        | 195        | 100        |
| Shower Units                           | 1994        | 256        | 124        |

<sup>\*</sup> Changes in the way air tanker requests are processed in ROSS, as well the number of air tankers available for fire suppression account for much of the increase from 2013 - 2016.

#### **Acronyms and Terminology**

Air Attack – Light aircraft (airplane or helicopter) that carries the ATGS.

**ASM** – Aerial Supervision Module, light twin-engine airplane that combines the lead plane function and tactical supervision (pilot and air tactical group supervisor - ATGS).

**ATMU** – Atmospheric Theodolite Meteorological Unit (also known as an All Hazard Meteorological Response System – **AMRS**).

**CWN** – Call when needed, refers to aircraft that have a call when needed contract.

**DOD** – Department of Defense (**DDQ** is also used in some tables in this report).

**EXCL** – Exclusive use contract. Refers to aircraft that have an exclusive use contact with an agency.

**FAMWEB** – Fire and Aviation Management Web Applications system.

**FUMT** – Fire Use Management Team (changed to Wildland Fire Management Team).

**IA** – Initial attack.

**IMT** – Incident Management Team (see also NIMO).

**Infrared** – Aircraft outfitted with infrared sensing equipment.

**Large fire** – A large fire is defined as 100 acres or greater in timber, 300 acres or greater in grass/brush, or a Type 1, Type 2 or NIMO team assigned.

**Lead Plane** – Light twin-engine airplane that guides air tankers over a fire.

**MAFFS** – Modular Airborne Fire Fighting System (military C-130 aircraft).

**NIMO** – National Incident Management Organization.

Pax – Passengers.

**RAWS** – Remote Automated Weather Station.

**ROSS** – Resource Ordering and Status System.

**Starter, Repeater and Tactical** – All refer to portable radio kits.

**SEAT** – Single engine air tanker.

**Type 1, 2, 2-IA, 3, 4, etc.** – Various resources are "typed." Type designation refers to the capability or configuration of a particular resource, such as a crew, engine, helicopter, etc.

**UTF** – Unable to fill resource request (the requested resource couldn't be filled).

# National Report of Wildland Fires and Acres Burned by State Figures from the Fire and Aviation Management Web Applications Program.

|       |        | W       | /ildland |         | Rx      |  |  |
|-------|--------|---------|----------|---------|---------|--|--|
| State | Agency | # Fires | # Acres  | # Fires | # Acres |  |  |
| AK    | BIA    | 0       | 0        | 0       | 0       |  |  |
|       | BLM    | 182     | 391,262  | 0       | 0       |  |  |
|       | DOD    | 0       | 0        | 9       | 33,355  |  |  |
|       | FWS    | 0       | 0        | 2       | 62      |  |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |  |
|       | ST     | 375     | 105,200  | 2       | 22      |  |  |
|       | USFS   | 15      | 5        | 2       | 138     |  |  |
| AK    | Totals | 572     | 496,467  | 15      | 33,577  |  |  |
| AL    | FWS    | 0       | 0        | 0       | 0       |  |  |
|       | NPS    | 1       | 320      | 1       | 350     |  |  |
|       | OTHR   | 94      | 470      | 0       | 0       |  |  |
|       | ST     | 3,749   | 50,250   | 0       | 0       |  |  |
|       | USFS   | 79      | 7,990    | 158     | 113,819 |  |  |
| AL    | Totals | 3,923   | 59,030   | 159     | 114,169 |  |  |
| AR    | FWS    | 0       | 0        | 4       | 580     |  |  |
|       | NPS    | 32      | 2,011    | 32      | 17,331  |  |  |
|       | OTHR   | 1,248   | 19,045   | 1,020   | 73,158  |  |  |
|       | ST     | 118     | 674      | 0       | 0       |  |  |
|       | USFS   | 115     | 11,641   | 214     | 192,200 |  |  |
| AR    | Totals | 1,513   | 33,371   | 1,270   | 283,269 |  |  |
| AZ    | BIA    | 704     | 81,178   | 32      | 22,620  |  |  |
|       | BLM    | 179     | 12,002   | 14      | 2,226   |  |  |
|       | DOD    | 0       | 0        | 4       | 3,363   |  |  |
|       | FWS    | 4       | 6,263    | 1       | 25      |  |  |
|       | NPS    | 43      | 14,597   | 2       | 64      |  |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |  |
|       | ST     | 546     | 32,580   | 3       | 20      |  |  |
|       | USFS   | 812     | 161,625  | 161     | 73,727  |  |  |
| AZ    | Totals | 2,288   | 308,245  | 217     | 102,025 |  |  |

|       |        | W       | /ildland | Rx      |         |  |
|-------|--------|---------|----------|---------|---------|--|
| State | Agency | # Fires | # Acres  | # Fires | # Acres |  |
| CA    | BIA    | 126     | 6,116    | 9       | 113     |  |
|       | BLM    | 109     | 30,285   | 8       | 407     |  |
|       | C&L    | 3       | 28       | 0       | 0       |  |
|       | DOD    | 0       | 0        | 5       | 1,788   |  |
|       | FWS    | 12      | 406      | 22      | 5,975   |  |
|       | NPS    | 79      | 1,152    | 24      | 4,097   |  |
|       | OTHR   | 143     | 6,456    | 0       | 0       |  |
|       | ST     | 5,988   | 159,421  | 0       | 0       |  |
|       | USFS   | 889     | 356,951  | 433     | 34,573  |  |
| CA    | Totals | 7,349   | 560,815  | 501     | 46,953  |  |
| СО    | BIA    | 92      | 269      | 6       | 4,832   |  |
|       | BLM    | 331     | 17,549   | 19      | 2,375   |  |
|       | C&L    | 397     | 48,545   | 38      | 446     |  |
|       | DOD    | 10      | 15,774   | 4       | 312     |  |
|       | FWS    | 4       | 134      | 7       | 1,897   |  |
|       | NPS    | 23      | 899      | 8       | 235     |  |
|       | OTHR   | 2       | 361      | 9       | 223     |  |
|       | ST     | 0       | 0        | 0       | 0       |  |
|       | USFS   | 331     | 45,964   | 89      | 20,287  |  |
| СО    | Totals | 1,190   | 129,495  | 180     | 30,607  |  |
| СТ    | FWS    | 0       | 0        | 0       | 0       |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 268     | 778      | 3       | 152     |  |
| СТ    | Totals | 268     | 778      | 3       | 152     |  |
| DE    | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 0       | 0        | 0       | 0       |  |
| DE    | Totals | 0       | 0        | 0       | 0       |  |
| FL    | BIA    | 2       | 0        | 11      | 3,269   |  |
|       | DOD    | 52      | 12,306   | 52      | 58,340  |  |
|       | FWS    | 5       | 198      | 55      | 90,031  |  |
|       | NPS    | 27      | 15,668   | 19      | 31,712  |  |
|       | OTHR   | 2       | 4        | 0       | 0       |  |
|       | ST     | 2,832   | 40,195   | 0       | 0       |  |
|       | USFS   | 147     | 6,045    | 125     | 101,590 |  |
| FL    | Totals | 3,067   | 74,416   | 262     | 284,942 |  |

|       |        | W       | /ildland | Rx      |           |  |
|-------|--------|---------|----------|---------|-----------|--|
| State | Agency | # Fires | # Acres  | # Fires | # Acres   |  |
| GA    | DOD    | 6       | 16,008   | 41      | 120,899   |  |
|       | FWS    | 2       | 66       | 28      | 15,014    |  |
|       | NPS    | 6       | 37       | 3       | 187       |  |
|       | OTHR   | 62      | 1,711    | 64      | 950       |  |
|       | ST     | 4,984   | 28,503   | 64,158  | 1,334,257 |  |
|       | USFS   | 26      | 5,794    | 53      | 36,485    |  |
| GA    | Totals | 5,086   | 52,119   | 64,347  | 1,507,792 |  |
| HI    | C&L    | 8       | 15,098   | 0       | 0         |  |
|       | FWS    | 0       | 0        | 0       | 0         |  |
|       | NPS    | 2       | 0        | 0       | 0         |  |
|       | ST     | 0       | 0        | 0       | 0         |  |
| HI    | Totals | 10      | 15,098   | 0       | 0         |  |
| IA    | BIA    | 0       | 0        | 0       | 0         |  |
|       | FWS    | 5       | 35       | 63      | 7,622     |  |
|       | NPS    | 0       | 0        | 0       | 0         |  |
|       | OTHR   | 0       | 0        | 0       | 0         |  |
|       | ST     | 460     | 21,336   | 342     | 20,326    |  |
| IA    | Totals | 465     | 21,371   | 405     | 27,948    |  |
| ID    | BIA    | 19      | 12,435   | 12      | 651       |  |
|       | BLM    | 142     | 74,955   | 28      | 5,416     |  |
|       | C&L    | 58      | 36,143   | 0       | 0         |  |
|       | DOD    | 1       | 0        | 0       | 0         |  |
|       | FWS    | 0       | 0        | 4       | 1,840     |  |
|       | NPS    | 0       | 0        | 0       | 0         |  |
|       | OTHR   | 0       | 0        | 6       | 801       |  |
|       | ST     | 172     | 10,715   | 66      | 4,721     |  |
|       | USFS   | 238     | 227,401  | 155     | 28,255    |  |
| ID    | Totals | 630     | 361,649  | 271     | 41,684    |  |
| IL    | FWS    | 1       | 0        | 5       | 774       |  |
|       | OTHR   | 0       | 0        | 0       | 0         |  |
|       | ST     | 1       | 5        | 126     | 11,793    |  |
|       | USFS   | 10      | 128      | 41      | 11,168    |  |
| IL    | Totals | 12      | 133      | 172     | 23,735    |  |
| IN    | DOD    | 0       | 0        | 0       | 0         |  |
|       | FWS    | 2       | 100      | 20      | 6,360     |  |
|       | NPS    | 8       | 390      | 20      | 1,403     |  |
|       | OTHR   | 0       | 0        | 0       | 0         |  |
|       | ST     | 6       | 62       | 6       | 1,737     |  |
|       | USFS   | 11      | 68       | 15      | 1,843     |  |
| IN    | Totals | 27      | 620      | 61      | 11,343    |  |

|       |        |         | Wildland | Rx      |         |  |
|-------|--------|---------|----------|---------|---------|--|
| State | Agency | # Fires | # Acres  | # Fires | # Acres |  |
| KS    | BIA    | 22      | 645      | 1       | 0       |  |
|       | C&L    | 49      | 348,731  | 0       | 0       |  |
|       | DOD    | 0       | 0        | 0       | 0       |  |
|       | FWS    | 2       | 83       | 23      | 5,623   |  |
|       | NPS    | 0       | 76       | 14      | 6,964   |  |
|       | ST     | 0       | 0        | 0       | 0       |  |
|       | USFS   | 2       | 294      | 0       | 0       |  |
| KS    | Totals | 75      | 349,829  | 38      | 12,587  |  |
| KY    | NPS    | 0       | 0        | 2       | 498     |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 1,167   | 72,335   | 0       | 0       |  |
|       | USFS   | 53      | 1,529    | 16      | 12,747  |  |
| KY    | Totals | 1,220   | 73,864   | 18      | 13,245  |  |
| LA    | FWS    | 2       | 2        | 19      | 27,997  |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |
|       | OTHR   | 9       | 132      | 0       | 0       |  |
|       | ST     | 440     | 5,909    | 0       | 0       |  |
|       | USFS   | 57      | 1,756    | 88      | 124,480 |  |
| LA    | Totals | 508     | 7,799    | 107     | 152,477 |  |
| MA    | DOD    | 0       | 0        | 4       | 238     |  |
|       | FWS    | 0       | 0        | 1       | 23      |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 1,526   | 1,381    | 25      | 637     |  |
| MA    | Totals | 1,526   | 1,381    | 30      | 898     |  |
| MD    | DOD    | 0       | 0        | 0       | 0       |  |
|       | FWS    | 0       | 0        | 0       | 0       |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 120     | 242      | 41      | 1,120   |  |
| MD    | Totals | 120     | 242      | 41      | 1,120   |  |
| ME    | BIA    | 0       | 0        | 0       | 0       |  |
|       | FWS    | 3       | 19       | 2       | 34      |  |
|       | NPS    | 17      | 7        | 1       | 75      |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 776     | 920      | 18      | 129     |  |
| ME    | Totals | 796     | 946      | 21      | 238     |  |

|       |        |         | Wildland | Rx      |         |  |
|-------|--------|---------|----------|---------|---------|--|
| State | Agency | # Fires | # Acres  | # Fires | # Acres |  |
| MI    | BIA    | 1       | 127      | 6       | 168     |  |
|       | FWS    | 1       | 1        | 0       | 0       |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 262     | 3,236    | 75      | 8,169   |  |
|       | USFS   | 125     | 302      | 59      | 7,074   |  |
| MI    | Totals | 389     | 3,666    | 140     | 15,411  |  |
| MN    | BIA    | 516     | 2,068    | 65      | 43,900  |  |
|       | FWS    | 15      | 933      | 156     | 26,638  |  |
|       | NPS    | 3       | 1        | 1       | 71      |  |
|       | ST     | 819     | 7,247    | 222     | 28,871  |  |
|       | USFS   | 69      | 2,019    | 114     | 5,848   |  |
| MN    | Totals | 1,422   | 12,268   | 558     | 105,328 |  |
| МО    | FWS    | 0       | 0        | 14      | 3,287   |  |
|       | NPS    | 7       | 529      | 10      | 5,196   |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 2,456   | 25,833   | 191     | 6,371   |  |
|       | USFS   | 147     | 5,772    | 29      | 27,731  |  |
| МО    | Totals | 2,610   | 32,134   | 244     | 42,585  |  |
| MS    | FWS    | 9       | 158      | 38      | 10,220  |  |
|       | NPS    | 4       | 5        | 2       | 250     |  |
|       | ST     | 0       | 0        | 0       | 0       |  |
|       | USFS   | 81      | 7,965    | 113     | 113,056 |  |
| MS    | Totals | 94      | 8,128    | 153     | 123,526 |  |
| MT    | BIA    | 400     | 12,597   | 7       | 5,012   |  |
|       | BLM    | 95      | 4,743    | 27      | 6,389   |  |
|       | C&L    | 895     | 52,412   | 0       | 0       |  |
|       | FWS    | 5       | 580      | 7       | 2,148   |  |
|       | NPS    | 5       | 757      | 10      | 368     |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 238     | 2,310    | 53      | 2,318   |  |
|       | USFS   | 388     | 41,195   | 290     | 16,269  |  |
| MT    | Totals | 2,026   | 114,594  | 394     | 32,504  |  |
| NC    | BIA    | 52      | 1,218    | 0       | 0       |  |
|       | DOD    | 0       | 0        | 531     | 55,682  |  |
|       | FWS    | 0       | 0        | 1       | 435     |  |
|       | NPS    | 5       | 63       | 3       | 468     |  |
|       | OTHR   | 29      | 3,956    | 508     | 38,074  |  |
|       | ST     | 3,829   | 20,765   | 307     | 41,947  |  |
|       |        |         |          |         |         |  |

|       |        |         | Wildland | Rx      |         |  |
|-------|--------|---------|----------|---------|---------|--|
| State | Agency | # Fires | # Acres  | # Fires | # Acres |  |
|       | USFS   | 92      | 62,107   | 56      | 32,878  |  |
| NC    | Totals | 4,007   | 88,109   | 1,406   | 169,484 |  |
| ND    | BIA    | 542     | 2,908    | 16      | 665     |  |
|       | BLM    | 1       | 91       | 0       | 0       |  |
|       | FWS    | 5       | 1,430    | 52      | 12,185  |  |
|       | NPS    | 1       | 2        | 3       | 588     |  |
|       | OTHR   | 0       | 0        | 0       | 33      |  |
|       | ST     | 1       | 20       | 0       | 0       |  |
|       | USFS   | 13      | 206      | 5       | 2,034   |  |
| ND    | Totals | 563     | 4,657    | 76      | 15,505  |  |
| NE    | BIA    | 6       | 102      | 3       | 2,822   |  |
|       | FWS    | 2       | 314      | 12      | 6,459   |  |
|       | NPS    | 0       | 0        | 4       | 1,214   |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 9       | 576      | 0       | 0       |  |
|       | USFS   | 28      | 23,506   | 9       | 2,015   |  |
| NE    | Totals | 45      | 24,498   | 28      | 12,510  |  |
| NH    | DOD    | 0       | 0        | 8       | 35      |  |
|       | FWS    | 0       | 0        | 3       | 31      |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 132     | 548      | 2       | 5       |  |
|       | USFS   | 16      | 332      | 8       | 34      |  |
| NH    | Totals | 148     | 880      | 21      | 105     |  |
| NJ    | DOD    | 0       | 0        | 0       | 0       |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 1,050   | 4,445    | 235     | 17,719  |  |
| NJ    | Totals | 1,050   | 4,445    | 235     | 17,719  |  |
| NM    | BIA    | 204     | 1,718    | 7       | 1,565   |  |
|       | BLM    | 120     | 8,051    | 19      | 24,717  |  |
|       | DOD    | 0       | 0        | 0       | 0       |  |
|       | FWS    | 7       | 713      | 2       | 67      |  |
|       | NPS    | 13      | 310      | 5       | 1,993   |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 520     | 100,947  | 2       | 42      |  |
|       | USFS   | 376     | 100,686  | 38      | 23,808  |  |
| NM    | Totals | 1,240   | 212,425  | 73      | 52,192  |  |

|       |        | \       | Wildland | Rx      |         |  |
|-------|--------|---------|----------|---------|---------|--|
| State | Agency | # Fires | # Acres  | # Fires | # Acres |  |
| NV    | BIA    | 0       | 0        | 1       | 15      |  |
|       | BLM    | 301     | 212,051  | 7       | 492     |  |
|       | C&L    | 26      | 4,131    | 0       | 0       |  |
|       | FWS    | 7       | 3        | 4       | 2,858   |  |
|       | NPS    | 14      | 4,658    | 5       | 2,495   |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 43      | 43,523   | 7       | 520     |  |
|       | USFS   | 76      | 790      | 3       | 315     |  |
| NV    | Totals | 467     | 265,156  | 27      | 6,695   |  |
| NY    | DOD    | 0       | 0        | 0       | 0       |  |
|       | FWS    | 2       | 1        | 0       | 0       |  |
|       | NPS    | 10      | 44       | 1       | 75      |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 184     | 4,191    | 13      | 352     |  |
| NY    | Totals | 196     | 4,236    | 14      | 427     |  |
| ОН    | FWS    | 0       | 0        | 0       | 0       |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 373     | 1,055    | 217     | 4,383   |  |
|       | USFS   | 37      | 61       | 1       | 269     |  |
| ОН    | Totals | 410     | 1,116    | 218     | 4,652   |  |
| OK    | BIA    | 443     | 136,966  | 15      | 1,607   |  |
|       | FWS    | 1       | 0        | 1       | 20      |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |
|       | OTHR   | 356     | 54,730   | 0       | 0       |  |
|       | ST     | 1,138   | 576,084  | 36      | 5,326   |  |
| OK    | Totals | 1,938   | 767,780  | 52      | 6,953   |  |
| OR    | BIA    | 65      | 5,872    | 6       | 8,220   |  |
|       | BLM    | 214     | 162,365  | 151     | 15,575  |  |
|       | C&L    | 0       | 0        | 0       | 0       |  |
|       | FWS    | 2       | 8        | 11      | 896     |  |
|       | NPS    | 7       | 1,072    | 1       | 12      |  |
|       | OTHR   | 5       | 1        | 0       | 0       |  |
|       | ST     | 391     | 4,528    | 9       | 1,128   |  |
|       | USFS   | 561     | 45,663   | 404     | 58,611  |  |
| OR    | Totals | 1,245   | 219,509  | 582     | 84,442  |  |
| PA    | FWS    | 0       | 0        | 0       | 0       |  |
|       | NPS    | 14      | 47       | 8       | 371     |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 853     | 12,159   | 224     | 14,620  |  |

|       |        | ,       | Wildland | Rx      |         |  |
|-------|--------|---------|----------|---------|---------|--|
| State | Agency | # Fires | # Acres  | # Fires | # Acres |  |
|       | USFS   | 4       | 39       | 3       | 120     |  |
| PA    | Totals | 871     | 12,245   | 235     | 15,111  |  |
| PR    | FWS    | 7       | 19       | 0       | 0       |  |
|       | OTHR   | 7       | 69       | 0       | 0       |  |
|       | ST     | 99      | 398      | 0       | 0       |  |
|       | USFS   | 0       | 0        | 0       | 0       |  |
| PR    | Totals | 113     | 486      | 0       | 0       |  |
| RI    | FWS    | 0       | 0        | 4       | 40      |  |
|       | NPS    | 0       | 0        | 0       | 0       |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 79      | 57       | 2       | 1       |  |
| RI    | Totals | 79      | 57       | 6       | 41      |  |
| SC    | DOD    | 4       | 17       | 44      | 8,733   |  |
|       | FWS    | 0       | 0        | 32      | 11,967  |  |
|       | NPS    | 0       | 0        | 2       | 975     |  |
|       | OTHR   | 929     | 2,996    | 8,400   | 272,188 |  |
|       | ST     | 12      | 55       | 965     | 27,315  |  |
|       | USFS   | 37      | 736      | 123     | 90,677  |  |
| SC    | Totals | 982     | 3,804    | 9,566   | 411,855 |  |
| SD    | BIA    | 518     | 24,917   | 19      | 1,368   |  |
|       | BLM    | 5       | 2,106    | 18      | 1,508   |  |
|       | C&L    | 2       | 2        | 0       | 0       |  |
|       | FWS    | 0       | 0        | 28      | 10,126  |  |
|       | NPS    | 1       | 316      | 4       | 108     |  |
|       | ST     | 567     | 50,216   | 35      | 3,871   |  |
|       | USFS   | 123     | 4,004    | 38      | 31,260  |  |
| SD    | Totals | 1,216   | 81,561   | 142     | 48,241  |  |
| TN    | NPS    | 33      | 19,898   | 4       | 1,557   |  |
|       | OTHR   | 1,374   | 43,877   | 0       | 0       |  |
|       | ST     | 701     | 16,610   | 49      | 5,030   |  |
|       | USFS   | 57      | 7,653    | 0       | 0       |  |
| TN    | Totals | 2,165   | 88,038   | 53      | 6,587   |  |
| TX    | BLM    | 4       | 46,587   | 0       | 0       |  |
|       | C&L    | 8,448   | 137,018  | 1       | 2,882   |  |
|       | DOD    | 0       | 0        | 0       | 0       |  |
|       | FWS    | 34      | 1,113    | 19      | 6,360   |  |
|       | NPS    | 18      | 17,434   | 5       | 710     |  |
|       | OTHR   | 0       | 0        | 0       | 0       |  |
|       | ST     | 729     | 152,759  | 0       | 0       |  |
|       | USFS   | 67      | 1,769    | 64      | 88,985  |  |

|       |        | Wildland |         | Rx      |         |
|-------|--------|----------|---------|---------|---------|
| State | Agency | # Fires  | # Acres | # Fires | # Acres |
| TX    | Totals | 9,300    | 356,680 | 89      | 98,937  |
| UT    | BIA    | 29       | 29      | 1       | 25      |
|       | BLM    | 268      | 16,128  | 11      | 3,106   |
|       | DOD    | 3        | 827     | 0       | 0       |
|       | FWS    | 1        | 0       | 3       | 926     |
|       | NPS    | 16       | 39      | 4       | 62      |
|       | OTHR   | 0        | 0       | 12      | 585     |
|       | ST     | 495      | 45,336  | 26      | 193     |
|       | USFS   | 266      | 38,737  | 44      | 17,042  |
| UT    | Totals | 1,078    | 101,096 | 101     | 21,939  |
| VA    | BLM    | 1        | 1       | 0       | 0       |
|       | FWS    | 0        | 0       | 0       | 0       |
|       | NPS    | 6        | 10,829  | 5       | 189     |
|       | OTHR   | 0        | 0       | 2       | 730     |
|       | ST     | 540      | 15,789  | 191     | 4,446   |
|       | USFS   | 33       | 14,822  | 6       | 785     |
| VA    | Totals | 580      | 41,441  | 204     | 6,150   |
| VT    | FWS    | 0        | 0       | 0       | 0       |
|       | NPS    | 0        | 0       | 0       | 0       |
|       | OTHR   | 0        | 0       | 0       | 0       |
|       | ST     | 141      | 383     | 4       | 62      |
|       | USFS   | 9        | 3       | 7       | 703     |
| VT    | Totals | 150      | 386     | 11      | 765     |
| WA    | BIA    | 239      | 35,261  | 8       | 1,334   |
|       | BLM    | 32       | 190,685 | 2       | 161     |
|       | C&L    | 0        | 0       | 0       | 0       |
|       | FWS    | 30       | 2,770   | 9       | 263     |
|       | NPS    | 19       | 3,970   | 1       | 17      |
|       | OTHR   | 0        | 0       | 0       | 0       |
|       | ST     | 830      | 58,308  | 0       | 0       |
|       | USFS   | 122      | 2,723   | 66      | 7,645   |
| WA    | Totals | 1,272    | 293,717 | 86      | 9,420   |
| WI    | BIA    | 2        | 14      | 16      | 1,546   |
|       | FWS    | 4        | 25      | 105     | 7,986   |
|       | NPS    | 0        | 0       | 2       | 80      |
|       | OTHR   | 0        | 0       | 0       | 0       |
|       | ST     | 686      | 604     | 0       | 0       |
|       | USFS   | 21       | 52      | 13      | 3,720   |
| WI    | Totals | 713      | 695     | 136     | 13,332  |

|                     |        | Wildland |           | Rx      |           |
|---------------------|--------|----------|-----------|---------|-----------|
| State               | Agency | # Fires  | # Acres   | # Fires | # Acres   |
| WV                  | NPS    | 6        | 43        | 1       | 27        |
|                     | OTHR   | 0        | 0         | 0       | 0         |
|                     | ST     | 0        | 0         | 0       | 0         |
|                     | USFS   | 12       | 400       | 5       | 815       |
| WV                  | Totals | 18       | 443       | 6       | 842       |
| WY                  | BIA    | 74       | 722       | 0       | 0         |
|                     | BLM    | 121      | 14,960    | 10      | 2,062     |
|                     | C&L    | 303      | 55,562    | 1       | 0         |
|                     | FWS    | 0        | 0         | 0       | 0         |
|                     | NPS    | 43       | 82,727    | 7       | 139       |
|                     | OTHR   | 8        | 21        | 0       | 0         |
|                     | ST     | 31       | 4,912     | 0       | 0         |
|                     | USFS   | 131      | 59,173    | 13      | 1,271     |
| WY                  | Totals | 711      | 218,077   | 31      | 3,472     |
|                     |        |          |           |         |           |
| <b>Grand Totals</b> |        | 67,743   | 5,509,995 | 83,005  | 4,015,511 |

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